

Internetbronnen per hoofdstuk

Inleiding

[INT.073][INT.074][INT.133][INT.134][INT.135][INT.140][INT.201][INT.223][INT.234][INT.238][INT.239][INT.240][INT.243][INT.258][INT.259][INT.284][INT.295][INT.369][INT.373][INT.385][INT.387][INT.426][INT.474][INT.499][INT.523][INT.596][INT.612][INT.625][INT.674][INT.706][INT.707][INT.773][INT.788]

Deel 1

[INT.012][INT.105][INT.106][INT.340][INT.389][INT.390][INT.524][INT.546][INT.549][INT.550][INT.551][INT.552][INT.557][INT.558][INT.583][INT.584][INT.585][INT.593][INT.594][INT.595][INT.615][INT.616][INT.617][INT.626][INT.627][INT.628][INT.637][INT.638][INT.639][INT.640][INT.642][INT.643][INT.644][INT.645][INT.646][INT.647][INT.648][INT.649][INT.650][INT.651][INT.654][INT.657][INT.658][INT.659][INT.662][INT.663][INT.664][INT.665][INT.666][INT.685][INT.686][INT.687][INT.690][INT.693][INT.695][INT.721][INT.723][INT.735][INT.736][INT.744][INT.747][INT.753][INT.762][INT.800]

Hoofdstuk 5 Elektricititeit maken met je adem

[INT.027][INT.126][INT.127][INT.166][INT.573][INT.729][INT.750]

Hoofdstuk 6 Stroom uit je bloed

[INT.114][INT.247][INT.255][INT.256][INT.266][INT.285][INT.291][INT.292][INT.293][INT.294][INT.297][INT.298][INT.299][INT.300][INT.309][INT.406][INT.460][INT.509][INT.560][INT.635][INT.669][INT.671][INT.676][INT.677][INT.678][INT.679][INT.682][INT.751][INT.783]

Hoofdstuk 7 Energie uit je oren

[INT.030][INT.178][INT.196][INT.197][INT.228][INT.247][INT.257][INT.258][INT.277][INT.569][INT.699]

Hoofdstuk 8 Profiteren van je harts slag

[INT.028][INT.040][INT.076][INT.097][INT.107][INT.207][INT.230][INT.245][INT.283][INT.296][INT.309][INT.361][INT.399][INT.495][INT.562][INT.565][INT.566][INT.597][INT.691][INT.727][INT.784][INT.790]

Hoofdstuk 9 Elektricititeit uit warmte

[INT.015][INT.046][INT.101][INT.102][INT.104][INT.115][INT.116][INT.119][INT.128][INT.138][INT.139][INT.142][INT.143][INT.144][INT.145][INT.146][INT.149][INT.153][INT.215][INT.257][INT.302][INT.306][INT.350][INT.351][INT.380][INT.421][INT.422][INT.423][INT.425][INT.475][INT.536][INT.537][INT.538][INT.574][INT.587][INT.589][INT.591][INT.632][INT.696][INT.785][INT.791][INT.793][INT.817]

Hoofdstuk 10 Het stroomt uit je vingers

[INT.014][INT.063][INT.126][INT.140][INT.160][INT.161][INT.184][INT.394][INT.698][INT.703][INT.715][INT.724][INT.767][INT.818][INT.819]

Hoofdstuk 11 Kauwend aan de slag

[INT.453][INT.456][INT.457][INT.458][INT.569][INT.572][INT.580]

Hoofdstuk 12 Stroom tijdens het lopen

[INT.001][INT.003][INT.009][INT.011][INT.014][INT.025][INT.026][INT.035][INT.037][INT.038][INT.039][INT.042][INT.044][INT.053][INT.060][INT.071][INT.072][INT.077][INT.078][INT.079][INT.080][INT.085][INT.086][INT.088][INT.089][INT.090][INT.091][INT.094][INT.107][INT.110][INT.111][INT.112][INT.113][INT.121][INT.125][INT.126][INT.148][INT.166][INT.217][INT.224][INT.225][INT.230][INT.234][INT.237][INT.242][INT.243][INT.260][INT.261][INT.262][INT.263][INT.268][INT.270][INT.271][INT.272][INT.273][INT.278][INT.279][INT.324][INT.325][INT.326][INT.328][INT.329][INT.344][INT.346][INT.347][INT.355][INT.368][INT.374][INT.411][INT.415][INT.417][INT.418][INT.420][INT.440][INT.442][INT.444][INT.446][INT.447][INT.448][INT.490][INT.518][INT.528][INT.530][INT.532][INT.533][INT.540][INT.541][INT.542][INT.544][INT.553][INT.555][INT.557][INT.563][INT.600][INT.609][INT.623][INT.673][INT.702][INT.708][INT.709][INT.719][INT.735][INT.740][INT.754][INT.756][INT.794][INT.796]

Hoofdstuk 13: Conclusie

[INT.695][INT.765][INT.766]

Internetbronnen De Siddermens

INT.001

Triboelectric generator could allow electricity-generating touchscreen
Darren Quick, Gizmag 9 juli 2012
<http://www.gizmag.com/triboelectric-generator/23248>

INT.002

http://en.wikipedia.org/wiki/Energy_harvesting

INT.003

Energy Scavenging with Shoe-Mounted Piezoelectrics
Shenck, Nathan/Paradiso, Joseph: 2001
<http://dl.acm.org/citation.cfm?id=624448>

INT.004

Japan: Producing Electricity from train station ticket Gates
<http://www.treehugger.com/renewable-energy/japan-producing-electricity-from-train-station-ticket-gates.html>

INT.005

<http://www.rsc.org/suppdata/ee/c2/c2ee23209j/c2ee23209j.pdf>

INT.006

The Dynapod: a pedal power unit
http://pdf.usaid.gov/pdf_docs/PNAAN161.pdf

INT.007

<http://physicsworld.com/cws/article/news/2009/mar/04/power-source-from-human-vibrations>

INT.008

<http://www.pedalpower.com.au>

INT.009

Generating Power One Step At a Time
Megan Gambino, in: Smithsonian.com 4 dec. 2014
<http://www.smithsonianmag.com/innovation/generating-power-one-step-at-a-time-180953436/?no-ist>

INT.010

Wireless Bluetooth 4.0 & Noise Cancelling Earphones With Microphone
<http://phiaton.com/bt-100-nc>

INT.011

Prototype provides pedestrian power
Rice News may 6, 2013
<http://news.rice.edu/2013/05/06/prototype-provides-pedestrian-power/>

INT.012

Foot Power
Published by North Shore Ecology Center
Microfiche via: http://www.preppers.info/uploads/Foot_Power.pdf

INT.013

Clean energy 'bio batteries' a step closer (persbericht UEA)
<https://www.uea.ac.uk/mac/comm/media/press/2014/November/bio-batteries-research>

INT.014

Can The Human Body Be Used As A Power Plant

By Staff Writers Bonn, Germany (SPX) Jul 20, 2010

In: Energy Daily

http://www.energy-daily.com/reports/Can_The_Human_Body_Be_Used_As_A_Power_Plant_999.html/

INT.015

<http://www.gizmag.com/thermoelectric-orange-power-wellies-generate-electricity/15346/picture/115879/>

INT.016

The human battery: turning body heat into electric power

Kyle Sherer, in Gizmag, 5 augustus 2007

<http://www.gizmag.com/go/7731/>

INT.017

Human power

http://technotheek.utwente.nl/wiki/Human_power

INT.018

Researchers harness heat to power Electronics

Darren Quick, in: Gizmag, 17 februari 2010

<http://www.gizmag.com/heat-powered-electronics/14241/>

INT.019

Dyson energy bracelet a good call

Paul Best, in: Gizmag, 22 juni 2009

<http://www.gizmag.com/dyson-energy-bracelet/12040/>

INT.020

<http://www.sciencefairadventure.com/ProjectDetail.aspx?ProjectID=135>

INT.021

Glucose biofuel cell could revolutionize medical technology

Camille Ricketts, in: Venture Beat May 18, 2010

<http://venturebeat.com/2010/05/18/glucose-biofuel-cell-could-revolutionize-medical-technology>

INT.022

<http://cdn.intechopen.com/pdfs-wm/41288.pdf>

INT.023

http://worldwidescience.org/www/result-list/fullRecord:energy+harvesting/preferredLanguage:en/#ResultList=0|0_|RANK|0

INT.024

Movers and Shakers: Kinetic Energy Harvesting for the Internet of Things

Maria Gorlatova, e.a.

Uitg.: Columbia University, Electrical Engineering, Technical Report #2014-03-27, Mar. 2014

<http://arxiv.org/pdf/1307.0044v3.pdf>

INT.025

10 energy harvesting solutions for 2012

Anne Françoise Pele, in: EE Times, 12/14/2012 http://www.eetimes.com/document.asp?doc_id=1280231&page_number=11

INT.026

Energy Harvesting from Passive Human Power

Faruk Yildiz, in: Journal of Applied Science & Engineering Technology, vol. 4 2011

<http://library.rit.edu/oajournals/index.php/jaset/article/view/286>

INT.027

Human Passive Motions and a User-friendly Energy Harvesting System

Abdi, H., Mohajer, N. en Nahavandi, S.

Journal of intelligent material systems and structures, vol. 25, no. 8, pp. 923-936, 22 april 2014.

<http://dro.deakin.edu.au/view/DU:30071851>

INT.028

Next Generation: Capturing the Body's Energy

Researchers build a device that harvests and stores energy from the mechanical movements of a beating heart.

Abby Olena. In: The Scientist, 20 januari 2014

<http://www.the-scientist.com/?articles.view/articleNo/38918/title/Next-Generation--Capturing-the-Body-s-Energy/>

INT.029

Energy Harvesting for Self Powered Wearable Health

Qadeer A. Khan, Sarvesh J. Bang

Oregon State University

<http://docplayer.net/14467014-Energy-harvesting-for-self-powered-wearable-health-monitoring-system.html>

INT.030

Medische apparatuur die door het menselijk lichaam van stroom wordt voorzien: gebruikmaken van de potentie van het oor

Fiona Dunlevy in: Medtronic Eureka, 14 februari 2013

http://www.medtroniceureka.com/nl/innovation-articles/Inspiration/apparatuur_aangedreven_door#sthash.ZaCNhQKN.dpuf

INT.031

Lichaam ingezet als elektriciteitsgenerator

Willem de Moor, 1 mei 2010

<https://tweakers.net/nieuws/67086/lichaam-ingezet-als-elektriciteitsgenerator.html>

INT.032

3D-geprinte organen die elektriciteit opwekken

Maarten Verkoren

<http://www.3dpxp.com/3d-geprinte-organen-die-elektriciteit-opwekken>

INT.033

Aderlating 2.0: sieraden die elektriciteit opwekken in je lichaam

Michel Pierre Laffite, Lindanieuws, 21 oktober 2014

<http://www.lindanieuws.nl/nieuws/opmerkelijk/aderlating-2-0-sieraden-die-elektriciteit-opwekken-in-je-lichaam/>

INT.034

Je lijf als stroombron

Kennislink, dinsdag 2 februari 2010

<http://www.kennislink.nl/publicaties/je-lijf-als-stroombron>

INT.035

Power Generating Shoe

Spalding, in: Instructables, z.j.

<http://www.instructables.com/id/Power-Generating-Shoe>

INT.036

re-Order Marty's Back to the future part II Light-Up Shoes (Power Laces Not Included)

Matt Goldberg, in: Collider News, 14 november 2014

<http://collider.com/back-to-the-future-part-2-shoes>

INT.037

Electricity generating footwear, by Ascas

<http://www.instructables.com/id/Electricity-Generating-Footwear/step1/This-Project-Was-Will-Be-Featured-In>

INT.038

Solepower: power by walking

<https://www.kickstarter.com/projects/764467377/solepower-power-by-walking-0>

INT.039

Microstructured piezoelectric shoe power generator outperforms batteries

Ville Kaajakari, in: MEMS Investor Journal, 21 april 2010

<http://www.memsjournal.com/2010/04/microstructured-piezoelectric-shoe-power-generator-outperforms-batteries.html#more>

INT.040

<http://www.kennislink.nl/publicaties/energie-winnen-uit-je-hartslag>

INT.041

<http://www.livescience.com/384-power-pee-runs-battery.html>

INT.042

<http://www.sciencemag.org/content/319/5864/807>

INT.043

Development of a biomechanical energy harvester

Qingguo Li, Veronica Naing, J. Maxwell Donelan

<http://www.jneuroengrehab.com/content/6/1/22>

INT.044

The PowerWalk

<http://bionic-power.com/downloads/PowerWalkMDataSheet%20V1.1.pdf>

INT.045

Estimation of Electric Charge output for Piezoelectric Energy Harvesting

Henry A. Sodano, Daniel J. Inman

https://institute.lanl.gov/ei/pdf_files/Strain2004.pdf

INT.046

<http://www.dailymail.co.uk/news/article-2351791/Ann-Makosinski-Canadian-girl-invents-flashlight-powered-body-heat-earns-spot-Google-Science-Fair-finals.html#ixzz2XilCyg54>

INT.047

http://www.engineerlive.com/content/wearables-lab-opens?dm_i=381,32CW8,28Y59I,B0BW4,1

INT.048

Energy harvested from body, environment could power wearables, IOT devices

Agam Shah Aug 10, 2014

<http://www.pcworld.com/article/2463500/energy-harvested-from-body-environment-could-power-wearables-iot-devices.html>

INT.049

How will we power our wearables in the future? Think body heat, human sweat, trapped light

Elizabeth Armstrong Moore Sep. 7, 2014 Gigaom Research

<https://gigaom.com/2014/09/07/how-will-we-power-our-wearables-in-the-future-think-body-heat-human-sweat-trapped-light>

INT.050

<http://www.pnas.org/content/111/5/1927.abstract>

INT.051

<http://www.materialstoday.com/electronic-properties/news/promising-power-source-for-wearable-electronics/>

INT.052

<http://www.idtechex.com/emails/5436.asp>

INT.053

De dunste elektrische generator ter wereld

In: Engineersonline.nl 6 januari 2015

http://www.engineersonline.nl/nieuws/id24657-de-dunste-elektrische-generator-ter-wereld.html?utm_medium=email&utm_campaign=De+dunste+elektrische+generator+ter+wereld+&utm_source=newsletter

INT.054

<http://www.wearable-technologies.com/2014/07/energy-harvesting-for-wearables/>

INT.055

<http://www.cymbet.com/pdfs/Powering-Wearable-Technology-and-the-Internet-of-Everything-WP-72-10.1.pdf>

INT.056

<http://cdn.intechopen.com/pdfs-wm/45872.pdf>

INT.057

Walking Could Recharge Your Smartphone or MP3 Player

Agam Shah, IDG News Service

<http://www.pcworld.com/article/196675/article.html>

INT.058

Interview with Dr. Zhong Lin Wang, Georgia Institute of Technology

The naked scientist, 19 April 2011

<http://www.thenakedscientists.com/HTML/content/interviews/interview/1645/>

INT.059

<http://www.theengineer.co.uk/news/taking-steps-to-power-wearable-tech/1019716.article#ixzz3Ov5AkFRM>

INT.060

http://biotechnology-innovation.com.au/innovations/devices_or_implants/bionic_ear.html

INT.061

www.utwente.nl/greenenergy/.../11XinWanPiezoelectricThinFilmsforEnergyHarvestingDevices.ppt

INT.062

Georgia Institute of Technology over nanogenerator van Zhong Lin Wang

<http://www.whistle.gatech.edu/archives/07/apr/16/nanogenerator.shtml>

INT.063

Nanogenerators Produce Electricity from Running Rodents; Tapping Finger Also Helps Generate Electricity

Georgia Tech Research Horizons, 13 februari 2009

<http://www.gtresearchnews.gatech.edu/hamster-power/>

INT.064

<http://www.whistle.gatech.edu/archives/07/apr/16/nanogenerator.shtml>

INT.065

1.6 V Nanogenerator for Mechanical Energy Harvesting Using PZT Nanofibers

<http://www.princeton.edu/~nyao/pdf/Nano%20Letter%202010%20n1100812k.pdf>

INT.066

Energy-harvesting rubber sheets could power pacemakers, mobile phones

<http://www.princeton.edu/main/news/archive/S26/47/03A23/>

INT.067

<http://www.fraunhofer.de/en/press/research-news/2014/october/micro-energy-harvesting.html>

INT.068

<http://www.bbc.com/news/science-environment-30816255>

INT.069

Energy harvesting from human motion: exploiting swing and shock excitations

K. Ylli, D. Hoffmann, A. Willmann, P. Becker, B. Folkmer en Y. Manoli

Smart Materials and Structures, Volume 24, Number 2, 14 January 2015

http://iopscience.iop.org/0964-1726/24/2/025029/pdf/0964-1726_24_2_025029.pdf

INT.070

Electric boots (a mohair suit...)

<http://www.backcountry.net/arch/at/0008/msg01554.html>

INT.071

Scientists make unique knee-brace power generator

Reuters Science News, donderdag 7 februari 2008

<http://www.reuters.com/article/2008/02/07/us-knees-energy-idUSN0741464420080207>

INT.072

http://www.energy-daily.com/reports/Can_The_Human_Body_Be_Used_As_A_Power_Plant_999.html

INT.073

Pacemaker

Hartstichting, juni 2016

<https://www.hartstichting.nl/downloads/brochure-pacemaker>

INT.074

Pacemaker

<https://www.hartstichting.nl/behandelingen/pacemaker>

INT.075

Leven met een pacemaker; wat u als patiënt moet weten

Uitg. Medtronic, 2007

http://www.medtronic.nl/wcm/groups/mdtcom_sg/@mdt/@eu/@nl/documents/documents/life-with-pacemaker-brochure.pdf

INT.076

Pacemaker zonder batterij

In: Gezonder leven (blog), vrijdag 24 oktober 2014

<http://gezonder.blogspot.nl/2014/10/pacemaker-zonder-batterij.html>

INT.077

Reverse electrowetting could lead to energy harvesting shoes

Energy Harvesting Journal, 29 augustus 2011

<http://www.energyharvestingjournal.com/articles/3702/reverse-electrowetting-could-lead-to-energy-harvesting-shoes>

INT.078

Capturing Electricity with a Shoe

Flora Lichtman Posted December 6, 2011

<http://www.popsci.com/technology/article/2011-11/capturing-electricity-shoe>

INT.079

Generating electricity with a shoe

Sebastian Anthony in: Extreme Tech, December 6, 2011

<http://www.extremetech.com/extreme/108085-generating-electricity-with-a-shoe>

INT.080

Tom Krupenkin's power shoes

Ira Boudway, in Businessweek, 1 december 2011

<http://www.businessweek.com/magazine/tom-krupenkins-power-shoes-12012011.html>

INT.081

Piëzo-elektrisch effect

http://nl.wikipedia.org/wiki/Pi%C3%ABzo-elektrisch_effect

INT.082

Clyde Jake Kendall: Parasitic Power Collection in Shoe Mounted Devices

<http://resenv.media.mit.edu/pubs/theses/Jake-Thesis.pdf>, 1998

INT.083

Systems for Human-Powered Mobile Computing

Joseph A. Paradiso, z.j. (2006?)

<http://resenv.media.mit.edu/pubs/papers/2006-07-DAC-Paper.pdf>

INT.084

Parasitic Power Shoes Project

<http://resenv.media.mit.edu/power.html>

INT.085

Unobtrusive Integration of Magnetic Generator Systems into Common Footwear

Jeffrey Yukio Hayashida, MIT mei 2000.

<http://resenv.media.mit.edu/pubs/theses/JEFFHAY-Thesis.pdf>

INT.086

<http://newsmonkey.be/article/27802>

INT.087

<http://solepowertech.com/how-it-works/>

INT.088

Electric shoe

Joseph Barbieri, Publicatienummer US1506282 A

<http://www.google.com/patents/US1506282>

INT.089

Harvesting energy from walking around: Shoe insole charges AAA and watch batteries.”

ScienceDaily, 29 September 2014

<https://www.sciencedaily.com/releases/2014/09/140929105239.htm>

INT.090

Reverse electrowetting as a new approach to high-power energy harvesting

Tom Krupenkin & J. Ashley Taylor in: Nature, 23 August 2011

<http://www.nature.com/ncomms/journal/v2/n8/full/ncomms1454.html#ref-link-4>

INT.091

http://www.instepnanopower.com/2_Technology/Technology.aspx

INT.092

KAIST develops low-cost, large-area piezoelectric nanogenerator

Dario Borghino, in: Gizmag 22 mei 2012

<http://www.gizmag.com/low-cost-large-area-piezoelectric-nanogenerator/22468>

INT.093

Smart shoe devices capture the power of walking

<http://iopscience.iop.org/0964-1726/page/Smart%20shoe%20devices%20capture%20the%20power%20of%20walking>

INT.094

Design, fabrication and characterization of an inductive human motion energy harvester for application in shoes

K Ylli, D Hoffmann, B Folkmer and Y Manoli

PowerMEMS 2013/Journal of Physics Conference Series 476

http://iopscience.iop.org/1742-6596/476/1/012012/pdf/1742-6596_476_1_012012.pdf

INT.095

Nanotechnology used to reduce cost of thermoelectric generators

Helen Knight in: The Engineer, 16 maart 2016

http://www.theengineer.co.uk/nanotechnology-used-to-reduce-cost-of-thermoelectric-generators/?cmpid=tnews_2122602

INT.096

http://www2.vtt.fi/print.jsp?printPage=news/2014/30102014_VTTIta_uusi_menetelma_sahkon_tuottamiseen.htm_en

INT.097

Muscle-driven in vivo nanogenerator

Li, Zhou, e.a.

In: Advanced Materials, 2010, nr. 22, p. 2534-2537

http://www.nanoscience.gatech.edu/paper/2010/10_AM_02.pdf

INT.098

<http://www.gizmag.com/go/7731>

INT.099

<http://www.gizmag.com/dyson-energy-bracelet/12040>

INT.100

Onder meer over thermo-elektrische laarzen

<http://www.utwente.nl/nieuwsevents/2014/3/343410/thermo-elektrische-materialen-kunnen-veel-efficiënter>

INT.101.TEE

Thermo-elektrische laarzen

<http://www.bright.nl/rubberen-kaplaarzen-leveren-energie>

INT.102

Over Power Wellies: thermo-elektrische laarzen

http://www.gotwind.org/orange_power_wellies.htm

INT.103

<http://www.utwente.nl/ctw/trc/EN/projects/piezo>

INT.104

http://en.wikipedia.org/wiki/Thermoelectric_effect

INT.105

Urine powered fuel cells are set to light up refugee camps

Jason Ford, in: The Engineer, 5 maart 2015

http://www.theengineer.co.uk/news/urine-powered-fuel-cells-are-set-to-light-up-refugee-camps/1019981.article?cmpid=tenews_950428#video

INT.106

Scientists demonstrate urine's viability as an energy source

Jason Ford, in: The Engineer, 9 november 2011

<http://www.theengineer.co.uk/scientists-demonstrate-urines-viability-as-an-energy-source/1010835.article>

INT.107

Powering of Pacemaker by Breathing-Driven Implanted Triboelectric Nanogenerator

Qiang Zheng, e.a.

WILEY-VCH Verlag GmbH & Co. KGaA, Weinheim, 2014

http://www.researchgate.net/publication/264007220_In_Vivo_Powering_of_Pacemaker_by_Breathing-Driven_Implanted_Triboelectric_Nanogenerator

INT.108

Micropower energy harvesting

R.J.M. Vullers, e.a.

Solid State Electronica nr. 53, 2009 p. 684 - 693

<ftp://ece.buap.mx/pub/profesor/Victor/fiselec12/projecto/VSD+09.pdf>

INT.109

MICRO ENERGY HARVESTING; Mechanische Systemen; Druck

http://www.buch-der-synergie.de/c_neu_html/c_01_10_micro_energy_34_d_piezo_a.htm#Piezoelektrizitaet

INT.110

Take Zap! Tech Geeks, Starved for More Battery Power, Give Themselves a Charge

In: treet Journal, februari 7, 2012

<http://www.wsj.com/articles/SB10001424052970204662204577198672460567602>

INT.111

Review: Tremont Electric nPower PEG

Michael S. Lasky, in: Wired 10 september 2012

<http://www.wired.com/2012/10/npower-peg/>

INT.112

Wireless Charging Is Coming To Wearables, Eventually

Aaron Tilley, in: Forbes 2 oktober 2014

<http://www.forbes.com/sites/aarontilley/2014/10/02/drayson-wireless-reemo>

INT.113

Ampy converts a half-hour jog into three hours of battery life

Eric Mack, in: Gizmag 9 oktober 2014

<http://www.gizmag.com/ampy-is-a-small-movement-powered-usb-charger/34192>

INT.114

New energy source for future medical implants: sugar Implantable fuel cell built at MIT could power neural prosthetics that help patients regain control of limbs.

Anne Trafton, MIT News Office June 12, 2012

<http://phys.org/news/2012-06-energy-source-future-medical-implants.html>

INT.115

New material harvests energy from water vapour

Polymer film could be used in artificial muscle and to power micro- and nanoelectronic devices.

Anne Trafton, MIT News Office January 10, 2013

<http://newsoffice.mit.edu/2013/new-material-harvests-energy-from-water-vapor-0110>

INT.116

<http://www.youenergyblog.com/mit-discovers-new-material-to-harness-energy-generate-electricity-with-water-without-waste>

INT.117

Skin-Based Generators Scavenge Muscle Motion to Power Wearables

Prachi Patel, in: IEEE Spectrum 28 januari 2015

<http://spectrum.ieee.org/tech-talk/biomedical/devices/skinbased-generators-scavenge-muscle-motion-to-power-wearables>

INT.118

Wearable solar cells for soldiers: Running out of energy?

Grant Turnbull, in: Army-technology.com 25 november 2013

<http://www.army-technology.com/features/feature-wearable-solar-cells-soldiers-running-out-of-energy/>

INT.119

Temporary tattoo biobatteries produce power from sweat

<http://www.sciencedaily.com/releases/2014/08/140813103134.htm>

INT.120

<http://www.holstcentre.com/NewsPress/PressList/SolarShirt.aspx>

INT.121

Fiber-based Nanotechnology Could Power Electronic Devices
"Power shirt" would harvest energy from physical movement
In: Research Horizons, 13 februari 2008

<http://www.gtresearchnews.gatech.edu/power-shirt>

INT.122

http://www.gizmag.com/triboelectric-clothing/36544/?utm_source=Gizmag+Subscribers&utm_campaign=56d7b3e0c6-UA-2235360-4&utm_medium=email&utm_term=0_65b67362bd-56d7b3e0c6-90523813

INT.123

http://en.wikipedia.org/wiki/Triboelectric_effect

INT.124

<http://www.sfu.ca/~leyland/Kin201%20Files/Donelan%20KIN201%20Energy%20Harvesting.pdf>

INT.125

Knee-Mounted Device Generates Electricity While You Walk

In: The Vancouver Sun, 2 febr. 2008

<http://blogs.vancouversun.com/2008/02/07/knee-mounted-device-generates-electricity-while-you-walk>

INT.126

Starnier, T., "Human-Powered Wearable Computing," IBM Systems Journal, Vol. 35, No. 3&4, 1996, pp 618-629

<http://www.cc.gatech.edu/~thad/p/journal/human-powered-wearable-computing.pdf>

INT.127

<http://www.joaolammoglia.com/concept/1/aire-concept/>

<http://www.energyharvestingjournal.com/articles/4091/harvesting-power-from-breathing>

INT.128

How to generate electricity from body heat

Anna Lagerkvist, in: Techradar, 1 augustus 2007

<http://www.techradar.com/news/world-of-tech/future-tech/phone-and-communications/mobile-phones/how-to-generate-electricity-from-body-heat-153128>

INT.129

<http://www.dailymail.co.uk/sciencetech/article-2949952/The-clothes-charge-phone-Smart-fabrics-use-bodies-power-source-turning-kinetic-energy-electricity.html>

INT.130

MIT researchers build a bridge to better energy harvesting MEMS device

Darren Quick, in Gizmag 16 september 16, 2011

<http://www.gizmag.com/mit-mems-device/19856/>

INT.131

http://www.gizmag.com/wearable-device-warns-visually-impaired-collisions/36770/?utm_source=Gizmag+Subscribers&utm_campaign=7ecf43e32e-UA-2235360-4&utm_medium=email&utm_term=0_65b67362bd-7ecf43e32e-90523813

INT.132

Unpowered ankle exoskeleton takes a load off calf muscles to improve walking efficiency

Darren Quick, in: Gizmag, 1 april 2015

<http://www.gizmag.com/unpowered-ankle-exoskeleton-walking-efficiency/36847>

INT.133

Verbeterd Operationeel Soldaat Systeem

<https://www.militaire-uitrusting.nl/onderwerpen/verbeterd-operationeel-soldaat-systeem>

INT.134

Project 'Verbeterd Operationeel Soldaat Systeem (VOSS)'

<http://www.rijksoverheid.nl/documenten-en-publicaties/kamerstukken/2008/04/08/project-verbeterd-operationeel-soldaat-systeem-voss.html>

INT.135

E-Lighter. Lightweight diesel-fueled power source for the modern soldier

http://www.fokker.com/sites/default/files/media/Files/Brochures/Fokker_E-Lighter.pdf

INT.136

Intelligente legging legt spiervermoeidheid vast

Bart Vuijk, in: Wearables Magazine 6 maart 2016

<https://www.wearablesmagazine.nl/2016/03/intelligente-legging-legt-spiervermoeidheid-vast>

INT.137

Human body heat energy harvesting using flexible thermoelectric generator for autonomous Microsystems

School of Mechanical Engineering, Yonsei University, Republic of Korea,

<http://www.rsc.org/images/loc/2012/pdf/M.9.194.pdf>

INT.138

Thermoelectric Energy Harvesting of Human Body Heat for Wearable Sensors

Leonov, V. ; IMEC, Leuven, Belgium, maart 2013

<http://ieeexplore.ieee.org/xpl/login.jsp?tp=&arnumber=6479224&url=http%3A%2F%2Fieeexplore.ieee.org%2Fiel7%2F7361%2F6504509%2F06479224.pdf%3Farnumber%3D6479224>

INT.139

Energy Harvesting for Self-Powered Wearable Devices

Vladimir Leonov, IMEC

Uit: Wearable Monitoring Systems

Editors: Bonfiglio, Annalisa, De Rossi, Danilo (Eds.)

Uitg.: Springer Verlag, 2011. ISBN: 978-1-4419-7383-2

Hfdst. 2 via: www.springer.com/.../9781441973832-c1.pdf

INT.140

Energy Harvesting from Passive Human Power

M. Loreto Mateu Sáez

PhD Thesis Project Electronic Engineering, januari 2004

http://www54.homepage.villanova.edu/michael.erwin/Research%20Papers/thesis_project_mateu.pdf

INT.141

<http://www.cobouw.nl/nieuws/e-installatie/2015/03/26/ouderen-voorzien-van-draagbare-sensoren>

INT.142

<http://www.roachman.com/thermic/>

INT.143

Thermo-Electric Generator for Energy Scavenging

March 12, 2007 by Travis Deyle

<http://www.travisdeyle.com/blog/2007/03/12/thermo-electric-generator-energy-scavenging>

INT.144

Human Generated Power for Mobile Electronics

Thad Starner/Joseph A. Paradiso

<http://resenv.media.mit.edu/pubs/books/Starner-Paradiso-CRC.1452.pdf>

INT.145

Turning Body Heat Into Electricity

Osman Can Ozcanli, in: Forbes, 6 aug 2010

<http://www.forbes.com/2010/06/07/nanotech-body-heat-technology-breakthroughs-devices.html>

INT.146

Engineers Pursuing the Ultimate in the Evolution of Wristwatch Technology

<http://www.natureinterface.com/e/ni03/P045-049/>

INT.147

Website Thermolife

<http://www.poweredbythermolife.com/whitepaper.htm>

INT.148

Hyper-stretchable elastic-composite energy harvester

In Science Daily 13 april 2015

<http://www.sciencedaily.com/releases/2015/04/150413095208.htm>

INT.149

Body Powered Devices

Eben Harrell, 11 november 2011

http://content.time.com/time/specials/packages/article/0,28804,2029497_2030623_2029815,00.html

INT.150

Nanoengineers develop basis for electronics that stretch at the molecular level

In: Nanotechnology Nanomaterials, 5 mei 2014

<http://phys.org/news/2014-05-nanoengineers-basis-electronics-molecular.html#inIRlv>

INT.151

Team made great improvements of nanogenerator power efficiency

May 15, 2014

<http://phys.org/news/2014-05-team-great-nanogenerator-power-efficiency.html>

INT.152

Sensor Mania! The Internet of Things, Wearable Computing, Objective Metrics, and the Quantified Self 2.0

Swan, Melanie, in: JSAN november 2012

<http://www.mdpi.com/2224-2708/1/3/217/htm>

INT.153

Teenager invents a flashlight powered by the heat from your hand

Stephen Messenger, in Treehugger, 28 juni 2013

<http://www.treehugger.com/gadgets/teenager-invents-led-flashlight-thats-powered-body-heat.html>

INT.154

De 10 opvallendste wearables van 2014

Anna Jacobs, in SmartHealth, 16 december 2014

<http://www.smarthealth.nl/review/2014/12/16/top-10-opvallendste-wearables-van-2014/>

INT.155

There's a Fitbit product for everyone

<http://www.fitbit.com/uk/flex/specs>

INT.156

LUMC en Philips: het belang van gezond ouder worden

Anna Jacobs, in: SmartHealth, 30 april 2015

<http://www.smarthealth.nl/trendition/2015/04/30/lumc-en-philips-het-belang-van-gezond-ouder-worden>

INT.157

De wereld om je pols; Van slingeruurwerk tot smartwatch

Bouwe van Straten, in: NPO Wetenschap 24 april 2015

<http://www.npowetenschap.nl/nieuws/artikelen/2015/April/Vinger-aan-de-pols.html>

INT.158

Wearable "CH4" fart tracker keeps a daily log of your rear end gas emissions

Dario Borghino, Gizmag, 30 april 2015

http://www.gizmag.com/ch4-fart-tracker/37260/?utm_source=Gizmag+Subscribers&utm_campaign=4978605199-UA-2235360-4&utm_medium=email&utm_term=0_65b67362bd-4978605199-90523813

INT.159

Laptops of the future could be powered by typing, cameras by shooting

Sal Cangeloso, 27 juni 2011

<http://www.extremetech.com/extreme/88126-laptops-powered-by-typing-piezo>

INT.160

New discovery might lead to laptops powered through typing

Pawel Piejko, in: Gizmag, 23 juni 2011

<http://www.gizmag.com/self-powered-battery-piezoelectrics-rmit-research/19007/>

INT.161

Typing to generate electricity

US 20110142522 A1

<https://www.google.com/patents/US20110142522>

INT.162

Orange Unveils Mobile Charging Festival T-Shirt

<http://www.techweekeurope.co.uk/workspace/orange-unveils-mobile-charging-festival-t-shirt-32213>

INT.163

Glove One acts a cell phone, but it's not going to keep your hands warm, unfortunately

<http://www.businessinsider.com/wearable-tech-is-the-next-big-thing-2013-1?op=1&IR=T>

INT.164

Nikola Labs' case uses stray radio waves to charge your iPhone

<http://www.engadget.com/2015/05/04/nikola-labs-radio-waves-charge-iphone/>

INT.165

Tommy Hilfiger launches solar power jackets to charge your phone

<http://www.cnet.com/news/tommy-hilfiger-launches-solar-power-jackets-to-charge-your-phone>

<http://www.pvillion.com/index#/solar-clothing>

INT.166

<http://www.joaolammoglia.com/product/3/moov/>

<http://www.energyharvestingjournal.com/articles/4091/harvesting-power-from-breathing>

INT.167

Wearables op de werkvloer

Anna Jacobs, in SmartHealth 7 mei 2015

<http://www.smarthealth.nl/2015/05/07/wearables-op-de-werkvloer/>

INT.168

Wind-up walking stick unveiled by Trevor Baylis

<http://www.telegraph.co.uk/news/newstoppers/howaboutthat/5025640/Wind-up-walking-stick-unveiled-by-Trevor-Baylis.html>

INT.169

Slik-Stik

<http://www.meditas.nl/?slik-stik-veelzijdige-wandelstok,145>

INT.170

Review: TomTom Cardio sporthorloge voor hardlopers

<http://www.beterhardlopen.nl/review-tomtom-cardio-sporthorloge-hardlopers>

INT.171

Review: Samsung Gear Fit

<http://www.intogadgets.nl/review-samsung-gear-fit>

INT.172

E-skin and pocket-sized diagnostic devices give patients the power back

<http://www.sciencedaily.com/releases/2015/05/150512090729.htm>

INT.173

Samsung Gear VR (for Note 4) review: Oculus goes mobile

<http://www.gizmag.com/samsung-gear-vr-oculus-review/35266>

INT.174

Een nieuw concept voor het horloge

<https://www.apple.com/nl/watch/watch-reimagined>

INT.175

Live ondertitelen met je bril

<http://www.kennislink.nl/publicaties/live-ondertitelen-met-je-bril>

INT.176

Performance enhancing sensor ready for commercialisation

University of Strathclyde, 20 mei 2015

<http://www.strath.ac.uk/whystrathclyde/performanceenhancingsensorreadyforcommercialisation>

INT.177

Scubapro Chromis Gebruikershandleiding. Duikcomputer Chromis - ontworpen door duikende technici

<http://www.scubapro.com/media/286164/chromis-dut.pdf>

INT.178

Gadget power coming out of your ears

Nidhi Subbaraman, in: MIT Technology Review, 7 november 2012

<http://www.technologyreview.com/view/507166/gadget-power-coming-out-of-your-ears>

INT.179

Volvo joins BMW and VW in offering support for wearable

<http://www.gizmag.com/volvo-on-call-app-apple-watch-android-wear/37797/>

INT.180

Keeping pace with the times?

<http://www.helmholtz.de/en/article/keeping-pace-with-the-times-3992/>

INT.181

Vergeet Google Glass: het wordt nu Google Pants (video)

<http://www.engineersonline.nl/nieuws/id25347-vergeet-google-glass-het-wordt-nu-google-pants-video.html>

INT.182

Review: Soundhawk smart listening system

<http://www.gizmag.com/soundhawk-review/37841>

INT.183

Hands-on: Google's Project Jacquard plans to turn your jacket into a trackpad

<http://www.pcworld.com/article/2928814/hands-on-googles-project-jacquard-plans-to-turn-your-jacket-into-a-trackpad.html>

INT.184

Typing power US A 20110142522 A1

Bert Yeh

<https://www.google.com/patents/US20110142522>

INT.185

Wearable air quality sensor provides real-time data, contributes to crowdsourced map

<http://www.treehugger.com/gadgets/tzoa-wearable-air-quality-sensor.html>

INT.186

Goosebump sensor reads your emotions

KAIST June 3, 2015

<http://www.sciencedaily.com/releases/2015/06/150603191851.htm>

INT.187

New technology: The goose bump sensor

American Institute of Physics (AIP) June 24, 2014

<http://www.sciencedaily.com/releases/2014/06/140624135641.htm>

INT.188

Stretchy sensors can detect deadly gases and UV radiation

RMIT University, 10 juni 2015

<http://www.alphagalileo.org/ViewItem.aspx?ItemId=153559&CultureCode=en>

INT.189

Eerste zelfladende smartphones vanaf 2016 beschikbaar

<http://www.nu.nl/mobiel/4089244/eerste-zelfladende-smartphones-2016-beschikbaar.html>

INT.190

Deze slimme waterfles gloeit wanneer je dringend moet drinken

<http://nl.metrotime.be/2015/06/11/must-read/deze-slimme-waterfles-gloeit-wanneer-je-dringend-moet-drinken>

INT.191

Chest strap heart rate monitor

<http://www.empa.ch/plugin/template/empa/3/157848/---/l=2>

INT.192

Wristband revolutionises blood pressure measurement

<http://www.empa.ch/plugin/template/empa/3/137220/---/l=2>

INT.193

Livescribe Echo smartpen 2GB

<https://www.livescribeshop.eu/livescribe-pulse-pen/livescribe-smartpen-2gb.html>

INT.194

15.000ste Vorbestellung bei Dresdner Erfinder des Mini-Kraftwerks für die Hosentasche eingegangen
5 May 2015

www.ezelleron.eu

<http://helloworldkraftwerk.com/press>

INT.195

Brunton hydrogen reactor

<http://www.brunton.com/products/hydrogen-reactor-plus-hydrogen-core>

INT.196

Energy extraction from the biologic battery in the inner ear

Patrick P. Mercier, e.a. in: Nature Biotechnology nr. 30, 8 november 2012

<http://www.nature.com/nbt/journal/v30/n12/full/nbt.2394.html>

<http://www.the-scientist.com/?articles.view/articleNo/33224/title/Next-Generation--Ear-Powered-Batteries>

INT.197

Medical devices powered by the ear itself

Larry Hardesty, MIT News Office, 7 november 2012

<http://newsoffice.mit.edu/2012/biological-battery-1107>

INT.198

A Watch That Runs On Two Live Lobsters

Nidhi Subbaraman, in: MIT Technology Review 5 oktober 2012

<http://www.technologyreview.com/view/429510/a-watch-that-runs-on-two-live-lobsters>

INT.199

Evgeny Katz

Milton Kerker Chaired Professor

Department of Chemistry & Biomolecular Science

Clarkson University

Potsdam, NY 13699-5810, USA

<http://people.clarkson.edu/~ekatz/>

INT.200

Oorthermometer

<http://www.natuurkunde.nl/opdrachten/1008/oorthermometer-vwo-2-2001>

INT.201

New cochlear implant takes the middle road

Physicsworld.com 20 februari 2014

<http://physicsworld.com/cws/article/news/2014/feb/20/new-cochlear-implant-takes-the-middle-road>

INT.202

Newsroom: kan Fitbit verwachtingen droombeursgang waarmaken?

Anna Jacobs, in: SmarthHealth 19 juni 2015

http://www.smarthealth.nl/newsroom-ehealth-mhealth-week-25-2015?utm_source=SmartHealth+EHealth+Nieuwsbrief&utm_campaign=b0be8bb81c-SmartHealth_Nieuwsbrief_GGD_eHealth&utm_medium=email&utm_term=0_bb60c033e7-b0be8bb81c-114785569

INT.203

Ultralow Voltage Nanoelectronics Powered Directly, and Solely, From a Tree

<http://ieeexplore.ieee.org/xpl/articleDetails.jsp?arnumber=5282623>

INT.204

<https://nl.wikipedia.org/wiki/Sidderaal>

<http://www.iucnredlist.org/details/167700/0>

http://www.willemwever.nl/vraag_antwoord/dieren-en-planten/hoe-komt-een-sidderaal-aan-zijn-stroom

INT.205

Hoe maakt een sidderaal stroom?

<http://wibnet.nl/natuur/dieren/sidderaal-hoe-maakt-een-sidderaal-stroom>

INT.206

<http://www.gizmag.com/self-powered-battery-piezoelectrics-rmit-research/19007/>

INT.207

<http://www.extremetech.com/extreme/139574-perpetual-motion-a-piezoelectric-pacemaker-that-is-powered-by-your-heartbeat>

INT.208

Waarom zijn sommige vissen elektrisch?

<http://wibnet.nl/natuur/zoologie/waarom-zijn-sommige-vissen-elektrisch>

INT.209

'Kwart van Nederlandse jongeren belt niet meer'

<http://www.nu.nl/mobiel/4070871/kwart-van-nederlandse-jongeren-belt-niet-meer.html>

INT.210

11 tips om de batterijduur van je mobiele telefoon te verlengen

[http://kassa.vara.nl/actueel/dossiers/artikel/dossier/4789929/?&tx_varakassanews\[dossier\]=1637&utm_medium=email](http://kassa.vara.nl/actueel/dossiers/artikel/dossier/4789929/?&tx_varakassanews[dossier]=1637&utm_medium=email)

INT.211

Vergelijking: Vier populaire fitnesstrackers van Fitbit, Garmin en Jawbone

<http://www.nu.nl/reviews/4069330/vergelijking-vier-populaire-fitnesstrackers-van-fitbit-garmin-en-jawbone.html>

INT.212

Taking steps to power wearable tech

Jason Ford, in: The Engineer 15 januari 2015

<https://www.theengineer.co.uk/issues/january-2015-online/taking-steps-to-power-wearable-tech>

INT.213

Harnessing Energy From the Body to Run Devices

Shirley S. Wang, in: Wall Street Journal Nov. 26, 2012

<http://www.wsj.com/news/articles/SB10001424127887324851704578137402753846438>

INT.214

Marc groet 's morgens de smartphone

<http://www.groene.nl/artikel/marc-groet-s-morgens-de-smartphone>

INT.215

Victoria teen winner in Google global science fair, with flashlight powered by body heat (VIDEO)

Vancouver Sun, 24 september 2013.

<http://blogs.vancouversun.com/2013/09/24/victoria-teen-winner-in-google-global-science-fair-with-flashlight-powered-by-body-heat/>

INT.216

<http://patft.uspto.gov/netacgi/nph-Parser?Sect1=PTO2&Sect2=HITOFF&u=%2Fnetahtml%2FPTO%2Fse-arch-adv.htm&r=26&p=1&f=G&l=50&d=PTXT&S1=crisan-adrian.INNM.&OS=IN/crisan-adrian&RS=IN/crisan-adrian>

INT.217

Bionic Power Inc. Signs US\$1.27M Contract with US Army

<http://www.bionic-power.com/press-releases/bionic-power-inc-signs-us127m-contract-us-army/>

INT.218

En weer is na één dag de accu leeg

Herbert Blankesteyn, in: NRC/Handelsblad 24 juni 2015

<https://www.nrc.nl/nieuws/2015/06/23/en-weer-is-na-een-dag-de-accu-leeg-1506665-a282657>

INT.219

iLimb: world's first fully articulating and commercially available bionic hand

<http://www.gizmag.com/go/7661>

INT.220

Oura ring watches you while you sleep

<http://www.gizmag.com/oura-sleep-fitness-tracking-ring/38175/>

INT.221

Energy-Efficient Technologies for the Dismounted Soldier [1997]

National Resource Council

The National Academies Press, 1997

<http://www.nap.edu/catalog/5905/energy-efficient-technologies-for-the-dismounted-soldier>

INT.222

How Innovations Using Sensors Can Disrupt Healthcare (infographic)

<http://www.mddionline.com/print/10809>

INT.223

<http://nl.wikipedia.org/wiki/Pacemaker>

INT.224

Power-generating knee strap hints at end for batteries

<http://iopscience.iop.org/0964-1726/page/Power-generating+knee+strap+hints+at+end+for+batteries>

INT.225

Energy harvester could reduce the battery burden on soldiers

<http://www.theengineer.co.uk/energy/news/energy-harvester-could-reduce-the-battery-burden-on-soldiers/1012904.article#ixzz3eGK7sYL9>

INT.226

Aantal verkochte wearables stijgt dit jaar met 173 procent

<http://www.allaboutphones.nl/nieuws/28589/aantal-verkochte-wearables-stijgt-dit-jaar-met-173-procent.html>

INT.227

OMsignal Biometric Smartwear

<http://www.omsignal.com/pages/faq>

INT.228

Cochleair implantaat

<http://www.hoorzaken.nl/hoorverbetering/cochleair-implantaat>

INT.229

Fujifilm creates organic printed sheet that harvests energy from body

Matthew Humphries, in: Geek 2 juni 2013

www.geek.com/chips/fujifilm-creates-organic-printed-sheet-that-harvests-energy-from-body-heat-1538783

INT.230

Seiko clean energy concept

<http://www.seiko.nl/world/cleanenergy/CleanEnergyConcept.pdf>

https://www.seikowatches.com/press_release/popup_2013_02.html

INT.231

Bossche politie uitgerust met bodycamera's

Bastion Oranje 17-08-2016

<http://www.bastionoranje.nl/index.php?pagina=nieuws&categorie=577&artikel=13362>

http://www.policebodycameras.com/police_body_camera_wolfcom.htm

INT.232

No charger needed: Human movement will soon power smartphones

[http://www.telegraph.co.uk/finance/newsbysector/mediatechnologyandtelecoms/electronics/11704511/](http://www.telegraph.co.uk/finance/newsbysector/mediatechnologyandtelecoms/electronics/11704511/No-charger-needed-Human-movement-will-soon-power-smartphones.html)

[No-charger-needed-Human-movement-will-soon-power-smartphones.html](http://www.telegraph.co.uk/finance/newsbysector/mediatechnologyandtelecoms/electronics/11704511/No-charger-needed-Human-movement-will-soon-power-smartphones.html)

INT.233

ORA-2

<http://www.optinvent.com/produit/ora-2>

INT.234

The pizzicato knee-joint energy harvester: characterisation with biomechanical data and effect of backpack load

Mihel Pozzi, e. a., Smart materials and structures, 2012

http://eprint.ncl.ac.uk/file_store/production/188705/287B3570-472E-456D-B694-CE5E62CBA465.pdf

INT.235

Finger typing driven triboelectric nanogenerator and its use for instantaneously lighting up LEDs

http://www.nanoscience.gatech.edu/paper/2012/12_NE_08.pdf

INT.236

Triboelectric nanogenerator built inside shoe insole for harvesting walking energy
http://www.nanoscience.gatech.edu/paper/2013/13_NE_03.pdf

INT.237

Walking Can Recharge the Spirit, But What About Our Phones?
Valerie Thompson, in: Live Science, 27 februari 2014
<http://www.livescience.com/43738-portable-clean-energy-development-nsf-bts.html>

INT.238

These roboots are made for walking, in Delta, 01 mei 2015.
<http://delta.tudelft.nl/article/these-roboots-are-made-for-walking/29878>

INT.239

The Rise of Wearable Technology Infographic
Blog, 26 juni 2013
<http://blog.getnarrative.com/2013/06/the-rise-of-wearable-technology>

INT.240

Evolution of pacemaker technology
<http://media.sjm.com/files/images/Infographic/Nanostim-St-Jude-Medical-Infographic-Pacemaker-Technology-Evolution.jpg>

INT.241

Sensmi monitort geen beweging, maar elektrische huidrespons
Bart Vuijk, in: Wearables magazine 17 april 2016
<https://www.wearablesmagazine.nl/2016/04/sensmi-monitort-geen-beweging-maar-elektrische-huidrespons>

INT.242

Latvian team embeds small electrical generators into clothing
Deutsche Welle 20 september 2011
<http://www.dw.com/en/latvian-team-embeds-small-electrical-generators-into-clothing/a-6622353>

INT.243

http://www.shs-conferences.org/articles/shsconf/pdf/2014/07/shsconf_shw2012_00046.pdf

INT.244

2015 Smartwatch Comparison Guide
Will Shanklin, 14 juli 2015
http://www.gizmag.com/smartwatch-comparison-2015/38452/?utm_source=Gizmag+Subscribers&utm_campaign=6b83653c4e-UA-2235360-4&utm_medium=email&utm_term=0_65b67362bd-6b83653c4e-90523813

INT.245

Toward pacemakers powered by heartbeats
S. Boisseau, J.J. Chaillou, M. Deterre en R. Dal Molin
http://www.eetimes.com/document.asp?doc_id=1280031&page_number=1

INT.246

How Power Felt Works
Patrick J. Kiger in: HowStuffWorks.com, 28 juni 2012
<http://electronics.howstuffworks.com/gadgets/fitness/power-felt3.htm>

INT.247

Your body, the battery: Powering gadgets from human "biofuel"

Robin Wylie, in: Ars Technica 19 juli 2015

<http://arstechnica.com/science/2015/07/your-body-the-battery-powering-gadgets-from-human-biofuel>

INT.248

Bionic hand uses smart wires to mimic muscle fibers

<http://newsdaily.com/2015/07/bionic-hand-uses-smart-wires-to-mimic-muscle-fibers>

INT.249

Miniature pump regulates internal ocular pressure

<http://www.fraunhofer.de/en/press/research-news/2015/Juli/miniature-pump-regulates-internal-ocular-pressure.html>

INT.250

Second Sight Announces First Age-Related Macular Degeneration Patient Receives the Argus II Retinal Prosthesis System as Part of Groundbreaking Study

<http://www.businesswire.com/news/home/20150722005421/en/#.VbDEcvk-2Uk>

INT.251

Jewelry That Turns Your Blood Flow, Blinking and Electrical Pulses Into Energy

<http://animalnewyork.com/2014/jewelry-turns-blood-flow-blinking-electrical-pulses-energy>

INT.252

Functional Electrical Stimulation

http://www.christopherreeve.org/site/c.mtKZKgMwKwG/b.4453425/k.27A5/Functional_Electrical_Stimulation.htm

INT.253

Rewalk, more than walking

<http://rewalk.com>

INT.254

Bionisch oog doet patiënt opnieuw 'zien'

<http://eoswetenschap.eu/artikel/bionisch-oog-doet-pati-nt-opnieuw-zien>

INT.255

Naomi Kizhner's jewellery collection harvests energy from the human body

<http://www.dezeen.com/2014/08/06/naomi-kizhner-energy-addicts-jewellery-human-electricity-production/>

INT.256

Intricate jewellery pieces harvest energy from wearers

Liat Clark, in: Wired 7 augustus 2014

<http://www.wired.co.uk/news/archive/2014-08/07/energy-addicts>

INT.257

Stroom uit oren, lever en telefoon

Christian Jongeneel, in: de Volkskrant 11 juli 1998

<http://www.volkskrant.nl/archief/stroom-uit-oren-lever-en-telefoon-a457191>

INT.258

Zuinig hoortoestel

Jan Libbenga 26 september 1998

<http://www.nrc.nl/handelsblad/van/1998/september/26/zuinig-hoortoestel-10450179>

INT.259

Behandeling door middel van neurostimulatie

<http://www.tlichtpuntje.be/info/Behandeling%20door%20middel%20van%20neurostimulatie.htm>

INT.260

SolePower Can't Recharge Busy Mom, But It Can Charge Her Phone With Every Step

Amber Leventry, in: Inventor Spot, z.j.

<http://inventorspot.com/articles/sole-power-will-power-your-iphone-every-step>

INT.261

Lopende elektriciteit; revolutionaire stroomopwekking uit beweging

Diederik Jekel (Noorderlicht) In: NPO Nieuws, augustus 2011

<http://www.npowetenschap.nl/nieuws/artikelen/2011/augustus/Lopende-elektriciteit.html>

INT.262

Invention Awards 2014: Charge Gadgets With Your Footsteps

Lindsey Kratochwill, in: Popular Science, 30 april 2014

<http://www.popsci.com/article/science/invention-awards-2014-charge-gadgets-your-footsteps>

INT.263

Our story

website SolePower, 31 juli 2015

<http://solepowertech.com/our-story/>

INT.264

An indoor navigation system for the visually impaired

Luis Guerrero, e.a.

www.mdpi.com/1424-8220/12/6/8236/pdf

INT.265

Power vest

<https://www.fraunhofer.de/en/press/research-news/2015/March/power-vest.html>

INT.266

Enzymatic biofuel cells

Plamen Atanassov, e.a. in: The Electrochemical Society Interface, summer 2007

http://www.electrochem.org/dl/interface/sum/sum07/su07_p28_31.pdf

INT.267

Hoe ziet de wereld eruit door bionische ogen?

Engineers on line, 04 augustus 2015

<http://www.engineersonline.nl/nieuws/id25577-hoe-ziet-de-wereld-eruit-door-bionische-ogen.html>

INT.268

Trevor Baylis

Geraadpleegd 5 aug. 2015

https://en.wikipedia.org/wiki/Trevor_Baylis

INT.269

Phone Charging Shoe Hits Market in Kenya

<http://www.idgconnect.com/blog-abstract/3722/phone-charging-shoe-hits-market-kenya>

INT.270

Trevor Baylis: The First Shoe Phone Charger... & Practical Patenting

Kathryn Cave, in: IDG Content 17 februari 2014

<http://www.idgconnect.com/abstract/5675/trevor-baylis-the-first-shoe-phone-charger-practical-patenting>

INT.271

The greatest shoe on earth

James Drake, in: Wired, februari 2001

<http://archive.wired.com/wired/archive/9.02/baylis.html>

INT.272

The Electric Shoe Company Limited

<http://www.companieslist.co.uk/03946472-the-electric-shoe-company-limited>

INT.273

These boots were made for talking

Leander Kahney, in: Wired: 28 juni 2000

<http://archive.wired.com/science/discoveries/news/2000/06/37276?currentPage=all>

INT.274

It's a hard road to new source of cell-phone power

Mary K. Feeney, in: Harford Courant, 20 juli 2000

http://articles.courant.com/2000-07-20/features/0007202079_1_electricity-radio-trevor-baylis

INT.275

How rural Malawi stays charged

Penny Haw, in: Business Day Live, 4 december 2013

<http://www.bdlive.co.za/life/gadgets/2013/12/04/how-rural-malawi-stays-charged>

INT.276

Informatie via Linked _ In: Anthony Mutua (6 aug 2015)

<https://www.linkedin.com/pub/anthony-mutua/78/510/560>

INT.277

Hoortoestellen; Soorten hoorapparaten/Batterijen

<http://www.struijk-audiciens.nl/soorten-hoortoestellen>

<http://www.struijk-audiciens.nl/batterijen>

INT.278

Dynamoelectric shoes

US 5167082 A

<http://www.google.com/patents/US5167082>

INT.279

Shoe with internal foot warmer

<http://www.google.com/patents/US4674199>

INT.280

Het gebruik van een smartwatch tijdens het sporten

<http://www.anwb.nl/wandelen/nieuws/2015/mei/het-gebruik-van-een-smart-watch-tijdens-het-sporten>

INT.281

Toediening van chemotherapie

<http://www.kanker.be/toediening-van-chemotherapie>

INT.282

Hart kan pacemaker opladen

Caroline Kraaijvanger, in: Scientias, 5 maart 2012

<http://www.scientias.nl/hart-kan-pacemaker-opladen/57425>

INT.283

Heart-powered pacemaker could one day eliminate battery-replacement surgery

Nicole Casal Moore, Michigan News, 2 maart 2012

<http://www.ns.umich.edu/new/releases/20254-heart-powered-pacemaker-could-one-day-eliminate-battery-replacement-surgery>

INT.284

Power in the people

Stef Meijers, in: Kijk, februari 2014

<http://www.utwente.nl/tnw/ims/people/huijbenm/publ/Kijk-Huijben-feb2014.pdf>

INT.285

Biobrandstofcel

<https://nl.wikipedia.org/wiki/Biobrandstofcel>

INT.286

Waarom moet je 10.000 stappen per dag zetten?

<http://www.smarthealth.nl/review/10-000-stappen-per-dag>

INT.287

Enzymatic biofuel cell++

https://en.wikipedia.org/wiki/Enzymatic_biofuel_cell

INT.288

Implanteerbare cardioverter-defibrillator

https://nl.wikipedia.org/wiki/Implanteerbare_cardioverter-defibrillator

INT.289

Voorbeeld insulinepomp

<https://www.accu-check.nl/nl/producten/insulinepompen/combo.html>

INT.290

Scientists developed a miniature gas sensor for mobile devices

Technical Research Centre of Finland (VTT), 13 August 2015

<http://www.alphagalileo.org/ViewItem.aspx?ItemId=155423&CultureCode=en>

INT.291

Power from Glucose

An implanted biofuel cell may someday power medical devices.

Janelle Weaver, in: MIT Technology Review, 18 mei 2010

<http://www.technologyreview.com/news/418970/power-from-glucose/>

INT.292

Philippe Cinquin, Serge Cosnier, Chantal Gondran, Fabien Giroud (France), Finalists for the European Inventor Award 2014

European Patent Organisation

<https://www.epo.org/learning-events/european-inventor/finalists/2014/cinquin.html>

INT.293

A Glucose BioFuel Cell Implanted in Rats

Philippe Cinquin, e.a.

PLOS one, 4 mei 2010

<http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0010476>

INT.294

Single glucose biofuel cells implanted in rats power electronic devices.

Abdelkader Zebda, e.a. in: *ci Rep*, 3, 2013

<https://hal.archives-ouvertes.fr/hal-00809303/document>

INT.295

New energy harvesting technology set to reduce number of open-heart surgeries

Phys.org, in: 18 december 2013

<http://phys.org/news/2013-12-energy-harvesting-technology-open-heart-surgeries.html>

INT.296

New device could allow your heartbeat to power pacemaker

American Heart Association, 4 november 2012

http://www.eurekalert.org/pub_releases/2012-11/aha-ndc102412.php

INT.297

Could blood be used to power batteries?

Jacob Silverman, in *How Stuff Works*, 6 september 2007

<http://electronics.howstuffworks.com/everyday-tech/blood-battery.htm>

INT.298

Blood, Sweat Could Power New Paper Battery

Marina Giovannelli, in: *NPR news* 27 augustus 2007

<http://www.npr.org/templates/story/story.php?storyId=13754475>

INT.299

Serendipity and the Paper Battery

<https://www.rpi.edu/research/biotechnology/report/battery.html>

INT.300

Beyond Batteries: Storing Power in a Sheet of Paper

RPI News, 13 augustus 2007

<http://news.rpi.edu/luwakkey/2280>

INT.301

Intelligent clothing for extreme weather

Christina Benjaminsen, in: *Gemini* 20 augustus 2015

<http://gemini.no/en/2015/08/utvikler-intelligente-ekstremklaer/>

INT.302

Power Felt gives a charge; New technology from Center of Nanotechnology and Molecular Materials holds promise in thermoelectric

Katie Neal, in: *News Center*, Wake Forest University, 22 februari 2012

<http://news.wfu.edu/2012/02/22/power-felt-gives-a-charge/>

INT.303

Body-Motion-Powered Device Could Promote Bone Healing

Materials Science: Implantable energy-scavenging device powers a laser to encourage bone cell growth

By Katherine Bourzac, in: *Chemical & Engineering News*, 30 juli 2015

<http://cen.org/articles/93/web/2015/07/Body-Motion-Powered-Device-Promote.html>

INT.304

3 Barriers to success for wearables

Andrew Hooge, in: *ReadWrite*, 7 augustus 2015

<http://readwrite.com/2015/08/07/obstacles-wearable-devices-battery-data-fashion>

INT.305

Stappen, hartslag en moedervlekken checken?

Anna Jacobs, in: Smarthealth 27 augustus 2015

<http://www.smarthealth.nl/2015/08/27/skinvision-app-moedervlekken-checken>

INT.306

Multilayered Carbon Nanotube/Polymer Composite Based Thermoelectric Fabrics

<http://pubs.acs.org/doi/pdf/10.1021/nl203806q>

INT.307

Maaïke kan na negen jaar in een rolstoel weer lopen

Karolien Koolhof, in: Algemeen Dagblad 28 augustus 2015

<http://www.ad.nl/ad/nl/4560/Gezond/article/detail/4130981/2015/08/28/Maaïke-kan-na-negen-jaar-in-een-rolstoel-weer-lopen.dhtml>

INT.308

EU-funded project investigates energy harvesting for self-powered pacemakers

10 maart 2015

<http://www.sorin.com/newsroom/EU-funded-project-explores-how-energy-harvesting-may-power-pacemakers>

INT.309

Toward an energy harvester for leadless pacemakers

Martin Deterre

Université Paris Sud - Paris, 2013

https://tel.archives-ouvertes.fr/file/index/docid/868838/filename/VA2_DETERRE_MARTIN_09072013.pdf

INT.310

Pulses for better posture

Research News, 1 september 2015

<http://www.fraunhofer.de/en/press/research-news/2015/september/pulses-for-better-posture.html>

INT.311

Draagbaar dialyse-apparaat op komst

Hetser van Santen, in: NRC/Handelsblad 18 december 2015

http://vorige.nrc.nl/wetenschap/article1857886.ece/Draagbaar_dialyse-apparaat_op_komst

INT.312

Wearable displays geïntegreerd in kleding

<http://www.engineersonline.nl/nieuws/id25699-wearable-displays-geintegreerd-in-kleding.html>

INT.313

Aira jacket gives a massage on the move

Emily Price, in: Gizmag, 8 september 2015

<http://www.gizmag.com/aira-jacket-tware-ifa-2015/39278/>

<http://www.airawear.com/>

INT.314

Miniature Portable Dialysis Machine on Fast Track for FDA Approval

David Russell Schilling, in: Industry Tap into News, 9 november 2014

<http://www.industrytap.com/miniature-portable-dialysis-machine-fast-track-fda-approval/23979>

INT.315

Start-up Adjuvo Motion

<http://www.adjuvomotion.com>

INT.316

Je mobiel opladen aan een shirt met zonnecellen

Rachid Finge, NOS, 14 maart 2015

<http://nos.nl/artikel/2024768-je-mobiel-opladen-aan-een-shirt-met-zonnecellen.html>

INT.317

Wearable Solar Shirt

<http://paulinevandongen.nl/news/wearable-solar-shirt>

INT.318

Oplaadjurk

Ineke de Kort, in OneWorld, 12 augustus 2013

<http://www.oneworld.nl/wereld/oplaadjurk>

INT.319

Turn yourself into a walking charger: wearable technology could let us power up mobile phones using our body heat

Jonathan O'Callaghan, in: Daily Mail, 1 mei 2014

<http://www.dailymail.co.uk/sciencetech/article-2617619/Turn-walking-CHARGER-Wearable-technology-let-power-mobile-phones-using-BODY-HEAT.html>

INT.320

Boost sports performance with VTT's wearable technology

Technical Research Centre of Finland (VTT), 14 September 2015

<http://www.alphagalileo.org/ViewItem.aspx?ItemId=156303&CultureCode=en>

INT.321

Power from blood could lead to 'human batteries'

<http://www.smh.com.au/articles/2003/08/03/1059849278131.html>

INT.322

Philips en Radboudumc zetten de eerste stap om diabeteszorg te veranderen

Anna Jacobs, in Smarthealth, 15 september 2015

<http://www.smarthealth.nl/2015/09/15/philips-en-radboudumc-zetten-de-eerste-stap-om-diabeteszorg-te-veranderen/>

INT.323

Stillsuit; It covers almost the entire body, provides cooling and ensures that almost no moisture is lost.

<http://www.technovelgy.com/ct/content.asp?Bnum=42>

INT.324

Backpack Generator Harnesses Power Of Walking

Bill Christensen

<http://www.technovelgy.com/ct/Science-Fiction-News.asp?NewsNum=452>

INT.325

Power packs harness hikers' energy

Walking helps you run your mobile electronics.

Philip Ball, in: Nature, 8 september 2005

<http://www.nature.com/news/2005/050905/full/news050905-14.html>

INT.326

Victoria's Circuit

Harnessing the untapped power of breast motion.

Adrienne So, in: Slate, 23 juni 2008

http://www.slate.com/articles/technology/technology/2008/06/victorias_circuit.html

INT.327

Britse soldaat krijgt uitrusting met wearables

In: Portablegear.nl, 18 september 2015

http://www.portablegear.nl/nieuws/17099/Britse_soldaat_krijgt_uitrusting_met_wearables.htm

INT.328

New backpack puts the juice in power walking

Randolph E. Schmid, USA Today, 8 september 2005

http://usatoday30.usatoday.com/tech/products/gear/2005-09-08-electric-backpack_x.htm

INT.329

<http://www.lightningpacks.com>

https://www.youtube.com/watch?v=zW4_eqKLp-A

INT.330

Nike Set To Release Self-Lacing "Back To The Future" Shoes

Stephen Luntz, in: IFL Science! 12 januari 2015

<http://www.iflscience.com/technology/power-laced-sneakers-promised-year>

INT.331

Website van United Consumers

<https://www.unitedconsumers.com/gsm/gsm-batterij/index.jsp>

INT.332

Geen groei meer in bezit (mobiele) devices

<http://www.gfk.com/nl/insights/press-release/geen-groei-meer-in-bezit-mobiele-devices>

Bijna alle jongeren bezitten een smartphone

<https://www.gfk.com/nl/news-and-events/press-room/press-releases/paginas/bijna-alle-jongeren-bezitten-smartphone.aspx>

INT.333

VS wil bodycam voor elke agent en start grootschalige test in 32 staten

Elger van der Wel, in: Numrush, 22 september 2015

<http://numrush.nl/2015/09/22/vs-wil-bodycam-voor-elke-agent-en-start-grootschalige-test-in-32-staten>

INT.334

Remember Google Glass? A Revival is Being Planned

Antony Maina, in: Technology Trends, 22 september 2015

<http://smallbiztrends.com/2015/09/google-glass-project-aura.html>

INT.335

Zonnepanelen Jack

http://nl.tommy.com/story/Tech_Meets_Tradition,nl_NL,pg.html

INT.336

SignLanguageGlove gives voice to hearing and speech impaired

Nick Lavars in: Gizmag, 1 oktober 2015

<http://www.gizmag.com/smart-glove-sign-language/39669>

INT.337

TruPosture smart shirt helps reduce back pain with real-time guidance

Stanley Goodner in: Gizmag, 2 oktober 2015

<http://www.gizmag.com/truposture-smart-shirt/39682>

INT.338

Patent: de smartring wearable van Apple

<http://www.wearablesmagazine.nl/2015/10/apple-vraagt-patent-aan-voor-een-smartring-wearable/>

INT.339

Murata's "Cool Design Smart Glass" concept puts household appliance control in your face

Stephen Clemenger, Gizmag, 12 oktober 2015

<http://www.gizmag.com/murata-sabae-cool-design-smart-glass-ceatec-2015/39783>

INT.340

Engineering a human powered mp3 player

R. J. Kuipers, TU Delft mei 2003

<http://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.133.7844&rep=rep1&type=pdf>

INT.341

Bewegen, daar zit muziek in! De ontwikkeling van een kinetische MP3-speler

G.A.W. Loeffen, Universiteit Twente

http://essay.utwente.nl/841/1/Bsc._Thesis_IO,_Loeffen_Geert,_Bewegen,_daar_zit_muziek_in.pdf

INT.342

Identify real benefits of wearable technology

Mark Thomas, in: E&T Engineering and Technology Magazine, 14 september 2015

<http://eandt.theiet.org/magazine/2015/09/comment-wearable-tech.cfm>

INT.343

Magnetostrictieve en elektrostrictieve materialen

<http://rembrandtperneel2011.blogspot.nl/2012/03/mangetostrictieve-en-elektrostrictieve.html>

https://nl.wikipedia.org/wiki/Echolood#Pi.C3.ABzo-elektriciteit.2C_elektrostrictie_.26_magnetostrictie

<https://nl.wikipedia.org/wiki/Magnetostrictie>

INT.344

Muziekschoen voor joggers

De Telegraaf, 10 juli 2002

<http://krant.telegraaf.nl/krant/archief/20020710/teksten/bin.speler.pul.delft.zool.html>

INT.345

USB-powered Evolve Hoodie keeps you toasty warm with tech

Stanley Goodner, in: Gizmag 15 oktober 2015

http://www.gizmag.com/usb-powered-evolve-hoodie/39873/?li_source=Ll&li_medium=default-widget

INT.346

Bij hardlopen verplaatst een borst zich zo'n 15 centimeter per stap

Jet Salomons, in Trouw 04 november 2011

<http://www.trouw.nl/tr/nl/4516/Gezondheid/article/detail/3015881/2011/11/04/Bij-hardlopen-verplaatst-een-borst-zich-zo-n-15-centimeter-per-stap.dhtml>

INT.347

Ville Kaajakari's homepage

<http://www.kaajakari.net>

INT.348

Untangle Your Music with 77% Off the Cordless KOAR Bluetooth Cloud Buds

<http://www.gizmag.com/untangle-your-music-with-77-off-the-cordless-koar-bluetooth-cloud-buds/39915>

INT.349

Review on Electrodynamic Energy Harvesters—A Classification

Clemens Cepnik, Roland Lausecker and Ulrike Wallrabe

In: Micromachines 2013

www.mdpi.com/2072-666X/4/2/168/pdf

INT.350

Body Heat Powers Flashlight, Not Batteries

Renee Moradin: Discovery News 20 oktober 2015

<http://news.discovery.com/tech/alternative-power-sources/body-heat-powers-flashlight-not-batteries-151020.htm>

INT.351

Zaklamp op lichaamswarmte fors overschreven bij crowdfunding

<http://groenecourant.nl/wetenschap/zaklamp-op-lichaamswarmte-fors-overschreven-bij-crowdfunding>

INT.352

Piezotronics

<http://www.topicway.com/dictionary/Piezotronics>

INT.353

Thinnest Generator of Electricity

N. Balasubramanian, in: Materials Research Society Bulletin, 15 december 2014

<http://www.materials360online.com/newsDetails/50759>

INT.354

Cut the Cord: Wireless, Wearable Mouse Prevents RSI

<http://gajitz.com/cut-the-cord-wireless-wearable-mouse-prevents-rsi>

<http://newatlas.com/airmouse-wearable-mouse/13993/>

INT.355

The Power of YOU

Troy Turner, 20 augustus 2013

<http://www.yankodesign.com/2013/08/20/the-power-of-you/>

<http://www.coroflot.com/benazzam/Activ>

INT.356

A smart inhaler for people with asthma. Sensors that track inhaler use aim to keep asthma patients healthy, cut health care costs.

Rob Matheson | MIT News Office 27 oktober 2015

<http://news.mit.edu/2015/gecko-health-smart-inhaler-asthma-1028>

INT.357

Gest: slimme handschoenen om je computer of VR-applicaties te besturen

Elger van der Wel in: Numrush, 29 oktober 2015

<http://numrush.nl/2015/10/29/gest-slimme-handschoenen-om-je-computer-of-vr-applicaties-te-besturen/>

INT.358

Onderzoek: gebruik wearables groeit met bijna 60 procent dit jaar

Laura Vogels, Emerce Research - 30 oktober 2015

<http://www.emerce.nl/research/onderzoek-gebruik-wearables-groeit-bijna-60-procent-dit-jaar>

INT.359

De FreeStyle Libre-sensor

<http://www.freestylelibre.nl/freestyle-libre-sensor-kit-nl-sv-no.html>

INT.360

Myo-elektrisch bekrachtigde armprothese

<http://www.oim.nl/prothesen/armprothese/soorten-armprothesen/actieve-armprothese/myo-elektrisch-bekrachtigde-armprothese>

INT.361

A Conversation with Prof. Zhong Lin Wang, Energy Harvester

Paul S. Weiss, in: American Chemical Society, 24 maart 2015

<http://www.nanoscience.gatech.edu/paper/2015/ACS%20Nano%20interview%20ZL%20Wang.pdf>

INT.362

The first demonstration of a self-powered cardiac pacemaker

The Korea Advanced Institute of Science and Technology (KAIST)

http://www.eurekalert.org/pub_releases/2014-06/tkai-tfd062314.php

INT.363

Internet-connected brace designed to help seniors avoid falls

Ben Coxworth, in Gizmag, 10 november 2015

www.gizmag.com/smart-moore-balance-brace/40332

INT.364

Fraunhofer develops economical process for micro energy harvesting

Press Release 27 oktober 2014

<https://www.fraunhofer.de/en/press/research-news/2014/october/micro-energy-harvesting.html>

INT.365

Cyborg snails power up; Molluscs with implanted biofuel cells produce electricity from glucose.

Richard Van Noorden, in Nature, 12 maart 2012

<http://www.nature.com/news/cyborg-snails-power-up-1.10210>

INT.366

Electronic glasses to treat lazy eye in children

Nick Lavars

Un Gizmag, 15 november 2015

<http://www.gizmag.com/electronic-glasses-lazy-eye/40408/pictures>

INT.367

Body heat powered flashlight never needs batteries

Rich Pell, in: Smart2xero.com, 20 oktober 2015

http://www.smart2zero.com/en/body-heat-powered-flashlight-never-needs-batteries.html?cmp_id=7&news_id=10006313&vID=44#.VknMEL9qmUk

INT.368

Will we soon be using CARPETS to power our phones? Fibre harnesses solar energy and footsteps to generate electricity

Ellie Zolfagharifard, in Daily Mail, 25 februari 2014 |

<http://www.dailymail.co.uk/sciencetech/article-2567449/Forget-chargers-soon-use-CARPETS-power-phones-Fibre-harnesses-solar-energy-footsteps-generate-electricity.html>

INT.369

Altijd, simpel, veilig en snel je smartphone opladen binnen 30 minuten met Charge to go

<http://www.chargetogo.nl/press.html>

INT.370

These Wearable Sensors Can Recognize, Interpret Sign Language

Nidhi Goyal, in: Industry Tap, 15 november 2015

http://www.industrytap.com/wearable-sensors-recognize-interpret-sign-language/32768?utm_source=Industry+Tap&utm_campaign=7e44b0c35e-Industry_Tap_Volume_26211_16_2015&utm_medium=email&utm_term=0_05d6224fe0-7e44b0c35e-44091025

INT.371

MOCaheart keeps an eye on your cardiovascular health

Ben Coxworth, in Gizmag, 23 december 2014

<http://www.gizmag.com/mocaheart/35345/>

<https://mocacare.com>

INT.372

Kleine wearable houdt luchtkwaliteit in de gaten

Bart Vuijk in Wearables Magazine, 17 november 2015

<http://www.wearablesmagazine.nl/2015/11/kleine-wearable-houdt-luchtkwaliteit-in-de-gaten>

<http://techcrunch.com/2015/11/16/atmotube-is-a-tiny-pollution-sensor-that-clears-up-whats-in-the-air-you-breathe/?ncid=rss>

INT.373

Aantal epilepsieaanvallen halveren met slimme neurostimulator

Engineeringnet, Onderzoek & Wetenschap 22 oktober 2015

http://www.engineeringnet.be/belgie/detail_belgie.asp?id=15406&titel=Aantal%20epilepsieaanvallen%20halveren%20met%20slimme%20neurostimulator&category=research

INT.374

Energy Harvesting Nanogenerators Give 130 Volts at the Touch of a Finger

Alexander Hellemans, in IEEE Spectrum, 21 november 2014

<http://spectrum.ieee.org/tech-talk/semiconductors/nanotechnology/energy-harvesting-nanogenerators-give-130-volts-at-the-touch-of-a-finger>

INT.375

Beter golfen met wearable op speciale handschoen

Bart Vuijk, in Wearables, 22 november 2015

<http://www.wearablesmagazine.nl/2015/11/beter-golfen-met-wearable-op-speciale-handschoen/>

INT.376

Review: Applying the heat to Ravean's heated down vest and hoodie

Stanley Goodner, in Gizmag 22 november 2015

<http://www.gizmag.com/review-ravean-heated-vest-hoodie/40540/>

INT.377

UT-onderzoekers ontwikkelen flexo-elektrisch nanomateriaal

Engineersonline, 22 november 2015

http://www.engineersonline.nl/nieuws/id26043-ut-onderzoekers-ontwikkelen-flexo-elektrisch-nanomateriaal.html?utm_medium=email&utm_campaign=UT-onderzoekers+ontwikkelen+flexo-elektrisch+nanomateriaal&utm_source=newsletter

INT.378

Imec levert eerste set slimme Zembro armbanden voor senioren uit

Engineer.be 24 november 2015

http://www.engineeringnet.be/belgie/detail_belgie.asp?id=15600&category=research&Week=48&herkomst=netkrantwoensdag&titel=Imec%20levert%20eerste%20set%20slimme%20Zembro%20armbanden%20voor%20senioren%20uit

INT.379

Piëzo-elektrisch effect heeft broertje

Paul van Gerven, Mechatronica & Machinebouw, 18 november 2015

<http://www.mechatronicamachinebouw.nl/artikel/piezo-elektrisch-effect-heeft-broertje-45528.html>

INT.380

Seebeck-effect

<https://nl.wikipedia.org/wiki/Seebeck-effect>

INT.381

Flexible power generators promise self-powered wearables

Julien Happich, in: smart2zero.com, 25 november 2015

http://www.smart2zero.com/en/flexible-power-generators-promise-self-powered-wearables.html?cmp_id=7&news_id=10006428&vID=1884&from_mail=1#.VlxAoL9qmUI

En:

<http://scitation.aip.org/content/aip/journal/apl/107/20/10.1063/1.4935557;jsessionid=46nnb4lp4unar.x-aip-live-02>

INT.382

Review: Going truly wireless with Earin Bluetooth earphones

Paul Ridden, in Gizmag 1 december 2015

<http://www.gizmag.com/review-earin-bluetooth-earbuds/37594/>

INT.383

Lumia 950: desktopcomputer in je broekzak

Bouke van den Berg, in: All about phones, 1 December 2015

<http://www.allaboutphones.nl/nieuws/29691/lumia-950-desktopcomputer-in-je-broekzak.html>

INT.384

Have scientists cracked clothes to power your phone?

Brunel University, 2 december 2015

<http://www.alphagalileo.org/PrintView.aspx?ItemId=159018&CultureCode=en>

<http://www.powerweave.eu/images/powerweave/papers/circuitwn3.pdf#page=1&zoom=auto,0,849>

INT.385

Duits bedrijf ontwikkelt draagbare brandstofcel

Willem de Moor, in: Tweakers Net, 23 februari 2009

<http://tweakers.net/nieuws/58598/duits-bedrijf-ontwikkelt-draagbare-brandstofcel.html>

INT.386

A Guide to Understanding Battery Specifications

MIT Electric Vehicle Team, december 2008

http://web.mit.edu/evt/summary_battery_specifications.pdf

INT.387

Dwarsleasiepatiënt Sint Maartenskliniek loopt thuis met Exoskelet

Alida Budding – Hennink, in Medicalfacts, 7 december 2015

<http://www.medicalfacts.nl/2015/12/07/dwarsleasiepatient-sint-maartenskliniek-loopt-thuis-met-exoskelet>

INT.388

The Inside Story on Wearable Electronics

Researchers want to wire the human body with sensors that could harvest reams of data—and transform health care

Elizabeth Gibney, Nature magazine/Scientific American, 1 december 2015

<http://www.scientificamerican.com/article/the-inside-story-on-wearable-electronics>

INT.389

Self sufficient wireless transmitter powered by foot-pumped urine operating wearable MFC
M. Taghavi, A. Stinchcombe, J. Greenman, V. Mattoli, L. Beccai, B. Mazzolai, C. Melhuish and I. Aleropoulos. *Bioinspiration & Biomimetics*, december 2015
<http://iopscience.iop.org/article/10.1088/1748-3190/11/1/016001>

INT.390

Wearable energy generator uses urine to power wireless transmitter
IOP Publishing, 11 december 2015
<http://www.alphagalileo.org/ViewItem.aspx?ItemId=159287&CultureCode=en>

INT.391

Dutch team designs wallet that "cannot be lost"
Antonio Pasolini, in: *Gizmag*, 15 december 2015
<http://www.gizmag.com/ekster-secure-wallet/40638/>

INT.392

Robothandschoen helpt blinden 'zien'.
NU.nl, 18 december 2015
<http://www.nu.nl/gadgets/4184996/robothandschoen-helpt-blinden-zien.html>
<http://eandt.theiet.org/news/2015/dec/assistive-robot-hand.cfm>

INT.393

IBM ontwikkelt slimme kleding voor reddingswerkers
Bart Vuijk, in: *Wearables Magazine* 20 december 2015
<http://www.wearablesmagazine.nl/2015/12/ibm-ontwikkelt-slimme-kleding-voor-reddingswerkers>

INT.394

Goldfinger smart glove gets power from finger movements
David Szondy, in *Gizmag*, december 19 2015
<http://www.gizmag.com/goldfinger-smart-glove/40986> http://www.politocomunica.polito.it/en/press_room/press_releases/2015/goldfinger_technology_worn_on_a_hand

INT.395

Bluetooth Handschoenen
<http://www.profoon.nl/handschoenen-glove>

INT.396

Silent partner quiets snoring noise like magic
<https://www.indiegogo.com/projects/silent-partner-quiets-snoring-noise-like-magic#/>

INT.397

Q Temp is wearable die je vertelt wanneer je uit de zon moet
Bart Vuijk in *Wearables Magazine*, 25 december 2015
<http://www.wearablesmagazine.nl/2015/12/q-temp-is-wearable-die-je-vertelt-wanneer-je-uit-de-zon-moet/>

INT.398

Underwater haptic feedback glove gives users "dolphin power"
Ben Coxworth, in *Gizmag*, 29 december 2015
<http://www.gizmag.com/irukatact-underwater-haptic-feedback-glove/41088>

INT.399

Batteryless Cardiac Pacemaker Is Based On Automatic Wristwatch, University of Bern Reveals
Persbericht, 2 september 2014
<http://www.biospace.com/News/batteryless-cardiac-pacemaker-is-based-on/344824>

INT.400

Warme voeten met slimme schoen

Peter van Ammelrooy, in: Volkskrant 7 januari 2016

<http://www.volkskrant.nl/tech/ces-blog-nooit-meer-thermometer-tussen-je-billen~a4218436/>

INT.401

Robotic glove invented by NUS researchers helps patients restore hand movements

National University of Singapore, 11 januari 2016

<http://www.alphagalileo.org/ViewItem.aspx?ItemId=159876&CultureCode=en>

INT.402

Universiteit Twente ontwikkelt robotarm voor Duchenne-patiënten

Universiteit Twente, 22 januari 2016

<http://www.alphagalileo.org/ViewItem.aspx?ItemId=160297&CultureCode=nl>

INT.403

M6 Comfort

<http://www.omron-healthcare.com/nl/products/bloodpressuremonitoring>

INT.404

Garmin extends golfing gadget lineup to help you with your swing

Nick Lavars, 26 januari 2016

<http://www.gizmag.com/garmin-extends-golf-gadget-swing/41512/>

INT.405

Energy Harvesting via Smart Materials

American Institute of Physics (AIP), 26 januari 2016

<http://www.alphagalileo.org/ViewItem.aspx?ItemId=160357&CultureCode=en>

INT.406

A Battery Made With Paper

Robert F. Service, in Science, 8 december 2009

<http://www.sciencemag.org/news/2009/12/battery-made-paper>

INT.407

Energy Autonomous Systems: Future Trends in Devices, Technology, and Systems

Vullers, Ruud e. a.

Uitg.: Catrene, 2009

<http://alexandria.tue.nl/repository/books/675451.pdf>

INT.408

Universiteit Oklahoma verplicht studenten Fitbit te dragen

Martijn Chel, in Wearables magazine, 3 februari 2016

<https://www.wearablesmagazine.nl/2016/02/universiteit-oklahoma-verplicht-studenten-fitbit-te-dragen>

INT.409

Gartner: er worden dit jaar 274 miljoen wearables verkocht

Pieter Waasdorp, in: Connexie, 3 februari 2016

<http://www.connexieb2b.nl/actueel/11650/gartner-er-worden-dit-jaar-274-miljoen-wearables-verkocht.html>

INT.410

New sensor will make life safer for the elderly

-Håvard Egge, in: Gemini News, 9 februari 2016

<http://gemini.no/en/tag/fall-detector>

INT.411

Kinetic energy-harvesting shoes a step towards charging mobile devices on the go

Nick Lavars, in Gizmag, 11 februari 2016

<http://www.gizmag.com/energy-harvesting-shoes/41796>

INT.412

A new tool improves the diagnosis of frailty syndrome

Elhuyar Fundazioa, in: Alphagalileo, 12 februari 2016

<http://www.alphagalileo.org/ViewItem.aspx?ItemId=161012&CultureCode=en>

INT.413

Tackling global electricity shortage through human power

Dan Dai, Jing Liu

In: Frontiers of energy, september 2012

<http://link.springer.com/article/10.1007%2Fs11708-012-0200-3#/page-1>

INT.414

Is this a bike helmet or a red-light camera? Futuristic 'smart hat' displays registration plate for cyclists

<http://www.dailymail.co.uk/news/article-2832762/Is-bike-helmet-red-light-camera-Futuristic-smart-hat-displays-registration-plate-cyclists.html#ixzz40QSQMhR>

INT.415

Bubbler: A Novel Ultra-High Power Density Energy Harvesting Method Based on Reverse Electrowetting

Tsung-Hsing Hsu, Supone Manakasettharn, J. Ashley Taylor & Tom Krupenkin

In: Nature, november 2015

<http://www.nature.com/articles/srep16537>

INT.416

Wie was de uitvinder dan het elektrische hoortoestel?

<http://www.doof.nl/nieuws/web/wie-was-de-uitvinder-van-het-elektrische-hoortoestel/26556>

INT.417

GO Kin backpacks generate electricity from walking and hiking

C.C. Weiss, in: Gizmag 23 juni 2014

<http://www.gizmag.com/go-kin-backpacks-generate-electricity/32584/>

INT.418

Brother's Vibration Energy Cell batteries to shake up power generation for low power devices

Darren Quick, in Gizmag 22 juli 2010

http://www.gizmag.com/brother-vibration-energy-cell-batteries/15804/?li_source=LI&li_medium=default-widget

INT.419

A wristband and an app for a better back

Øyvind Skogmo Hansen, in: Gemini 4 februari 2016

<http://gemini.no/en/2016/02/a-wristband-and-an-app-for-a-better-back>

INT.420

Energy-Scavenging Animal Telemetry Device

<http://www.reis.usda.gov/web/crisprojectpages/0204856-energy-scavenging-animal-telemetry-device.html>

INT.421

Lumen flashlight is powered by Body Heat

In: gadget.Widgetjet, 3 december 2015

<http://gadget.widgetjet.com/Lumen-flashlight-is-powered-by-Body-Heat>

INT.422

Wearable thermoelectric generator could extend your smartwatch's battery life

Dario Borghino, in: Gizmag 14 april 2014

http://www.gizmag.com/wearable-thermoelectric-generator/31617/?li_source=LI&li_medium=default-widget

INT.423

How 'High-Performance Clothing' Will Power Your Phone And Monitor Your Health

Robert Ferris, in Business Insider, 16 april 2013

<http://www.businessinsider.com/david-carroll-high-performance-clothing-2013-4?IR=T>

INT.424

Game Changers

Meet a handful of locals who are 'changing the world' with scientific research and groundbreaking discoveries.

Nancy Oakley in: Winston Salem Monthly 28 augustus 2015

http://www.journalnow.com/winstonsalemmonthly/game-changers/article_e7387cba-4c25-11e5-80dc-9b6fa543aee7.html

INT.425

Sweat-Powered Batteries Can Be Tattooed on Your Arm

Louise Stewart in Newsweek, 13 augustus 2014

<http://europa.newsweek.com/sweat-powered-batteries-ill-get-tatted-264236?rm=eu>

INT.426

SFC Energy presents pre-series model of new portable JENNY 1200 fuel cell generator for defense applications

Persbericht 10 september 2013

<http://www.sfc.com/en/node/2131>

INT.427

Toyota's guide collar for the blind and visually impaired

Darren Quick in: Gizmag, 7 maart 2016

<http://www.gizmag.com/toyota-blaid-blind-navigation/42197>

INT.428

Smart clothing of the future will automatically adjust itself according to the wearer's actual needs

Technical Research Centre of Finland (VTT), in AlphaGalileo 9 maart 2016

<http://www.alphagalileo.org/ViewItem.aspx?ItemId=161942&CultureCode=en>

INT.429

Wristband detects and alerts for seizures, monitors stress

Rob Matheson, in: MIT News 9 maart 2016

<http://news.mit.edu/2016/empatica-wristband-detects-alerts-seizures-monitors-stress-0309>

INT.430

Nike gets up and running with power-lacing sneakers

Nick Lavars in: Gizmag 16 maart 2016

<http://www.gizmag.com/nike-hyperadapt-1-self-lacing/42337>

INT.431

Nike's Back to the Future Self-Lacing Shoe, the HyperAdapt 1.0, Is Finally Here

Liz Stinson in: Wired 16 maart 2016

<http://www.wired.com/2016/03/nikes-back-future-self-lacing-shoe-hyperadapt-1-0-finally>

INT.432

MIT develops nontoxic way of generating portable power

David L. Chandler | MIT News Office 14 maart 2016

<http://news.mit.edu/2016/mit-develops-nontoxic-way-generating-portable-power>

INT.433

Doorbraken in diabetes

http://www.npo.nl/de-kennis-van-nu/24-03-2016/VPWON_1251912

http://www.inredadiabetic.nl/wordpress/nl_NL/our-mission

INT.434

Had one too many? This breathalyzer car key will let you know, keep your engine from starting

Eric Mack, in Gizmag, 24 maart 2016

<http://www.gizmag.com/hitachi-honda-smart-key-alcohol-detector-breathalyzer-drunk-driving/42478/>

INT.435

Beter worden met 'electroceutica'

http://www.engineersonline.nl/nieuws/id26595-beter-worden-met-elektroceutica.html?utm_medium=email&utm_campaign=Beter+worden+met+%E2%80%98elektroceutica%E2%80%99+&utm_source=newsletter

INT.436

Juniper Research: Wearables bestaan voorlopig nog vaak uit fitness trackers

Telecomnieuwsnet, 27 januari 2016

<https://telecomnieuwsnet.wordpress.com/2016/01/27/juniper-research-wearables-bestaan-voorlopig-nog-vaak-uit-fitness-trackers>

INT.437

Website You Bionic

<http://www.youbionic.com/#youbionic-hand>

INT.438

Energy harvesting

Fiona Dunlevy, in: Medtronic Eureka, april 2016

<http://www.medtronic-eureka.com/innovation-articles/inspiration/ENERGY-HARVESTING>

INT.439

Digitsole

<http://digitsole.com/contact-us.php>

INT.440

Power walk: Footsteps could charge mobile electronics

Adam Malecek, in: University of Wisconsin-Madison News, 8 februari 2016

<http://news.wisc.edu/power-walk-footsteps-could-charge-mobile-electronics/#sthash.9iAq2C16.dpuf>

INT.441

MiClimate stops motorcyclists getting hot (or cold) under the collar

Scott Collie, in: Gizmag 10 april 2016

<http://www.gizmag.com/mi-climate-cooling-motorcyclists/42733/>

INT.442

The battery charger that makes you run... and run.. and run

Zoe Kleinman, in: BBC News 23 maart 2016

<http://www.bbc.com/news/technology-35810137>

INT.443

Biodegradable Power Generators Could Power Medical Implants

Charles Q. Choi, in: IEEE Spectrum 4 maart 2016

http://spectrum.ieee.org/tech-talk/biomedical/devices/biodegradable-power-generators-could-power-medical-implants?utm_source=feedburner&utm_medium=feed&utm_campaign=Feed%3A+IEEE+Spectrum%29TechTalkBlog+%28Tech+Talk+-+IEEE+Spectrum%29

INT.444

Website Solepower

<http://www.solepowertech.com>

INT.445

IBS Creates a Wearable Graphene-based Biomedical Device to Monitor and Combat Diabetes

Institute for Basic Science, 21 maart 2016

<http://www.alphagalileo.org/ViewItem.aspx?ItemId=162334&CultureCode=en>

INT.446

Generating Electricity By Walking - Google Science Fair 2014

<https://www.youtube.com/watch?v=Uc4CD1aEFwE>

INT.447

Electricity Generating Footwear - Generate Electricity By Walking (Concept)

ASCAS, in: Instructables, z.j.

<http://www.instructables.com/id/Electricity-Generating-Footwear>

INT.448

Unimorph en Bimorph

Wikipedia, the free encyclopedia, bekeken 15 april 2014

<https://en.wikipedia.org/wiki/Unimorph>

<https://en.wikipedia.org/wiki/Bimorph>

INT.449

Cheaper, transparent smart skin powers itself

Scott Collie, in: Gizmag 15 april 2016

<http://www.gizmag.com/transparent-self-powered-smart-skin/42827>

INT.450

Real time battery charging system by human walking

Phagna Esha Singh, Siddhakar Bhumi, Rami Monika

In: International Journal of Innovative Research in Science, Engineering and Technology

Vol. 4, Issue 2, februari 2015

www.ijirset.com/upload/2015/february/49_Real.pdf

INT.451

Warmtevest

<https://www.polarheat.nl/producten-informatie/warmtevest-informatie>

INT.452

New device to generate electricity from human breathing

Darren Quick, in: Gizmag, 5 oktober 2011

<http://www.gizmag.com/generating-electricity-from-respiration/20064>

INT.453

Peer recognition and visibility on three continents/Producing energy while chewing

École de technologie supérieure, 23 maart 2015

<http://en.etsmtl.ca/en/News/News-2015/Producing-energy-while-chewing>

INT.454

Prezi presentatie over energie uit ademhaling

<https://prezi.com/eh-uuhlpts74/electromagnetic-micro-power-generator-for-energy-harvesting-from-breathing>

INT.455

Nike's Back to the Future Self-Lacing Shoe, the HyperAdapt 1.0, Is Finally Here

Liz Stinson, in: Wired 3 maart 2016

<http://www.wired.com/2016/03/nikes-back-future-self-lacing-shoe-hyperadapt-1-0-finally>

INT.456

"Smart material" chin strap harvests energy from chewing

IOP Publishing, Bristol, UK, 17 september 2014

<http://iopublishing.org/2014/09/17/smart-material-chin-strap-harvests-energy-from-chewing/>

INT.457

Flexible piezoelectric energy harvesting from jaw movements

Aidin Delnavaz and Jérémie Voix

IOP Publishing Ltd, 16 september 2014

<http://iopscience.iop.org/article/10.1088/0964-1726/23/10/105020/meta>

INT.458

Piezoelectric chin strap generates electricity from chewing

Nick Lavars, in Gizmag (inmiddels: New Atlas) 18 september 2014

<http://www.gizmag.com/piezoelectric-chin-strap-electricity/33885>

INT.459

Will we soon be using CARPETS to power our phones? Fibre harnesses solar energy and footsteps to generate electricity

Ellie Zolfagharifard, in: Daily Mail, 25 februari 2014

<http://www.dailymail.co.uk/sciencetech/article-2567449/Forget-chargers-soon-use-CARPETS-power-phones-Fibre-harnesses-solar-energy-footsteps-generate-electricity.html>

INT.460

Glucose as a new energy source for pacemakers

By R&I WORLD, 29 april 2016

<http://ruvid.org/ri-world/glucose-new-energy-source-for-pacemakers/>

INT.461

Een derde Nederlanders gebruikt health- en fitness apps, wearables

In: ICT & Health, 18 maart 2016

<http://www.icthealth.nl/nieuws/nieuwsitem/article/Een-derde-Nederlanders-gebruikt-health-en-fitness-apps-wearables.html>

INT.462

Een vijfde Amerikaanse huishouden heeft een activity tracker

In: ICT & Health, 29 april 2016

<http://www.icthealth.nl/nieuws/nieuwsitem/article/Een-vijfde-Amerikaanse-huishouden-heeft-een-activity-tracker.html>

INT.463

This hoodie (yes, hoodie) delivered a great massage

Michael Franco, in Gizmag 29 april 2016

<http://www.gizmag.com/airawear-massage-hoodie-review/43059/>

INT.464

Wearable translates body biosignatures into creative digital expression

Stanley Goodner, in: Gizmag 26 april 2016

<http://www.gizmag.com/xth-sense-biocreative-instrument/43004/>

INT.465

Draagbare elektronische apparatuur

Informatie van Cathay Pacific, z.j.

http://www.cathaypacific.com/cx/nl_NL/travel-information/inflight/using-electronic-devices/portable-electronic-devices.html

INT.466

Gustave Pierre Trouvé (1839–1902)

Wikipedia

https://nl.wikipedia.org/wiki/Gustave_Pierre_Trouv%C3%A9

INT.467

Friden EC-132

Uit: The Museum of HP Calculators

<http://www.hpmuseum.org/ec132.htm>

INT.468

‘Bio-batterij’ maakt implantaten duurzaam

Fitria Jelyta, in: Duurzaam Bedrijfsleven 3 mei 2016

http://www.duurzaambedrijfsleven.nl/zorg/14609/bio-batterij-maakt-implantaten-duurzaam?utm_source=nieuwsbrief&utm_medium=e-mail&utm_campaign=Weekly%20Updates%204%20Mei
<http://www.ite.es/ite-investiga-una-nueva-fuente-energia-los-marcapasos>

INT.469

Freek Vonk, in VPRO Jeugd 12 november 2014

http://www.vpro.nl/speel.VPWON_1220257.html

INT.470

Human power, a sustainable option for electronics

Arjen Jansen, A. Stevels: Conference paper 1999

https://www.researchgate.net/publication/3800384_Human_power_a_sustainable_option_for_electronics

INT.471

Use of Human Power in the Developing World

Rev. Dr. Jason K. Moore

Department of Mechanical and Aerospace Engineering

University of California, Davis 21 januari 2016

www.moorepants.info/media/docs/hppres.pdf

INT.472

Persbericht Stibat, 7 mei 2015

<http://www.stibat.nl/nl/actueel/persberichten/850-miljoen-batterijen-in-nederlandse-huishoudens/>

INT.473

Whispering camera glasses allow the blind to read

Jack Loughran, in: E & T, 5 mei 2016

<http://eandt.theiet.org/news/2016/may/whispering-camera-glasses-blind.cfm>

INT.474

Arne H. W. Larsson, 86; Had First Internal Pacemaker

Lawrence K. Altman, in: New York Times, 18 januari 2002

<http://www.nytimes.com/2002/01/18/world/arne-h-w-larsson-86-had-first-internal-pacemaker.html>

INT.475

Power Pocket prototype uses body heat to charge a smartphone

James Holloway, in Gizmag: 13 juni 2013

<http://www.gizmag.com/power-pocket-charger/27914>

En: persbericht van Vodafone, 12 juni 2013:

<http://blog.vodafone.co.uk/2013/06/12/vodafone-unveils-the-future-of-festival-season-tech-charge-your-phone-while-you-sleep>

INT.476

Energy efficiency breakthroughs at MIT and Berkeley

Emily Clark, in: Gizmag 11 februari 2008

<http://www.gizmag.com/energy-efficiency-breakthroughs-at-mit-and-berkeley/8790>

INT.477

The Etive kinetic energy charger gives power walking a whole new meaning

Jude Garvey, in: Gizmag 20 mei 2009

<http://www.gizmag.com/the-etive-kinetic-energy-charger-gives-power-walking-a-whole-new-meaning/11750/>

INT.478

Feeling Spaces with the "Proximity Hat"

Press Release 3/2016

http://www.kit.edu/kit/english/pi_2016_003_feeling-spaces-with-the-proximity-hat.php

INT.479

Verwarmde handschoenen en andere kledingstukken

<http://www.thewarmingstore.com/alpha-s2-heated-glove.html>

INT.480

These gloves literally turn sign language into speech

James Rogerson, in: Techradar april 2016

<http://www.techradar.com/news/wearables/these-gloves-literally-turn-sign-language-into-speech-1318928>

INT.481

Review: Hush smart earplugs put a waterfall in your ear

Michael Franco, in: Gizmag, 11 mei 2016

<http://www.gizmag.com/hush-smart-earplug-review/43272>

INT.482

Want a programmable LED t-shirt? Broadcast Wearables has you covered

Michael Irving, in: Gizmag, 17 mei 2016

<http://www.gizmag.com/broadcast-wearables-programmable-led-tshirt/43363>

INT.483

Wereldwijde verkoop wearables stijgt met 67 procent in Q1

Telecompaper, 17 mei 2016

<http://www.telecompaper.com/nieuws/wereldwijde-verkoop-wearables-stijgt-met-67-procent-in-q1--1143704>

INT.484

Deze smartwatch heeft al een ingebouwde projector

Wesley Akkerman, in: Wearables Magazine 17 mei 2016

<https://www.wearablesmagazine.nl/2016/05/deze-smartwatch-heeft-al-een-ingebouwde-projector>

INT.485

EasyJet smart shoes let you follow your feet

Stu Robarts, in: Gizmag 17 mei 2016

<http://www.gizmag.com/easyjet-barcelona-street-project-sneakers/43369>

INT.486

Slimme armband geeft bankklant schok bij te veel uitgaven

Kassa, Vara 20 mei 2016

<http://kassa.vara.nl/nieuws/slimme-armband-geeft-bankklant-schok-bij-te-veel-uitgaven>

INT.487

Liv moet nagelbijten, duimen en haartrekken voorkomen

Sam Borremans, in Wearables Magazine 22 mei 2016

<https://www.wearablesmagazine.nl/2016/05/liv-moet-nagelbijten-duimen-en-haartrekken-voorkomen/>

INT.488

Dit is 's werelds eerste telefoon met warmtecamera

In: Elektrotechniek 365, 20 mei 2016

<https://www.elektrotechniek365.nl/nieuws/dit-is-s-werelds-eerste-telefoon-met-warmtecamera>

INT.489

'Slimme' wandelstok voor patiënten met Parkinson

Fitria Jelyta, in: Duurzaam bedrijfsleven 23 mei 2016

http://www.duurzaambedrijfsleven.nl/zorg/14963/slimme-wandelstok-voor-patienten-met-parkinson?utm_source=nieuwsbrief&utm_medium=e-mail&utm_campaign=Weekly%20Updates%2026%20Mei

INT.490

US Army and Marine Corps PowerWalk into wearable battery trials

Michael Irving, in: Gizmag 29 mei 2016

<http://www.gizmag.com/wearable-battery-trial-us-army-marines/43576/>

INT.491

Buzzing belt guides users by their gut

Ben Coxworth, in Gizmag 27 mei 2016

<http://www.gizmag.com/feelspace-navigation-belt/43571/>

INT.492

A jolt from the blue: Rays provide power for an electric generator

Persbericht Riken, in: Alpha Galileo, 30 mei 2016

<http://www.alphagalileo.org/ViewItem.aspx?ItemId=164611&CultureCode=en>
http://www.riken.jp/en/pr/press/2016/20160531_3/

INT.493

Wearables made to warn of asthma attacks

Ben Coxworth, in: Gizmag, 1 juni 2016

<http://www.gizmag.com/het-asthma-warning/43636/>

INT.494

Bionic vision system to restore sight to the blind

Jack Loughran, in: E & T Magazine, 1 juni 2016

<http://eandt.theiet.org/news/2016/jun/bionic-vision-glasses-blind.cfm>

INT.495

Next-gen pacemakers may be powered by unlikely source: the heart

Cory Nealon, persbericht University at Buffalo, 28 oktober 2015

<http://www.buffalo.edu/news/releases/2015/10/060.html>

INT.496

The real-life 'Luke Skywalker' arm: Segway designer creates mind-controlled robotic limb

Sarah Griffiths, in: Daily Mail, 12 mei 2014.

<http://www.dailymail.co.uk/sciencetech/article-2626171/Luke-Skywalker-arm-gets-ahead-FDA-approves-mind-controlled-robotic-limb-developed-creator-Segway.html>

INT.497

Power knee

<http://www.ossur.com/prosthetic-solutions/products/dynamic-solutions/power-knee>

INT.498

Electricity and bionics: The future of powering medical miracles

Robert J. Szczerba, oorspronkelijk in: Forbes, 22 oktober 2015. Ook in: The next web.

<http://thenextweb.com/insider/2016/05/01/future-powering-bionics-no-bunnies-needed/#gref>

INT.499

Wearable Artificial Kidney: A portable dialysis machine for patients on the go

Nidhi Goyal, in: Industry Tap, 24 oktober 2014

<http://www.industrytap.com/wearable-artificial-kidney-portable-dialysis-machine-patients-go/23468>

<http://www.industrytap.com/miniature-portable-dialysis-machine-fast-track-fda-approval/23979>

INT.500

Lenovo laat nieuwe serie slimme sportschoenen zien

Bart Vuijk, in: Wearables, 9 juni 2016

<https://www.wearablesmagazine.nl/2016/06/lenovo-laat-nieuwe-serie-slimme-sportschoenen-zien/>

INT.501

This hoodie (yes, hoodie) delivered a great massage

Michael Franco, in: Gizmag, 29 april 2016

<http://www.gizmag.com/airawear-massage-hoodie-review/43059>

INT.502

Pacemaker for the tongue helps apnea patients breathe normally

Michael Franco, in: Gizmag, 13 juni 2016

<http://www.gizmag.com/pacemaker-for-the-tongue/43821>

INT.503

Pacemakerverwisseling/Verwisselen inwendige defibrillator (ICD)

Catharinaziekenhuis Eindhoven, z.j., gezien: 15 oktober 2015

http://www.hartcentrum-eindhoven.nl/behandelingen/pacemaker_verwisseling.html

INT.504

Pacemaker voor het hart

Patientenfolder AMC, Amsterdam, gezien: 15 oktober 2015

<https://www.amc.nl/web/Zorg/Patient/Patientfolders/Pacemaker-voor-het-hart.htm>

INT.505

Body heat could power pacemakers

BBC News, 10 juni 2004

<http://news.bbc.co.uk/2/hi/health/3793867.stm>

INT.506

Students Invented Gloves That Can Translate Sign Language Into Speech And Text

Elyse Wanshel, in: The Huffington Post, 28 april 2016

http://www.huffingtonpost.com/entry/navid-azodi-and-thomas-pryor-signaloud-gloves-translate-american-sign-language-into-speech-text_us_571fb38ae4b0f309baeee06d

INT.507

Hope in a Glove for Parkinson's Patients

A wearable device promises to help steady hand tremors by using an old technology—gyroscopes.

Simon Parkin, in: Technology Review, 14 januari 2016

<https://www.technologyreview.com/s/545456/hope-in-a-glove-for-parkinsons-patients>

INT.508

IDC: 'Verkoop wearables gaat dit jaar over de honderd miljoen heen'

Bart Vuijk, in: Wearables Magazine, 18 juni 2016

<https://www.wearablesmagazine.nl/2016/06/idc-verkoop-wearables-gaat-dit-jaar-over-de-honderd-miljoen-heen>

Wearable shipments will break past 100 million mark in 2016

Mihăiță Bamburic, in: Beta News, juni 2016

<http://betanews.com/2016/06/16/wearable-shipments-2016/>

INT.509

Enzymatic biofuel cell (geraadpleegd 19 juni 2016)

https://en.wikipedia.org/wiki/Enzymatic_biofuel_cell

INT.510

Nieuwe wearable kan astma-aanvallen voorspellen en voorkomen

Bart Vuijk, in: Wearables Magazine 19 juni 2016

<https://www.wearablesmagazine.nl/2016/06/nieuwe-wearable-kan-astma-aanvallen-voorspellen-en-voorkomen/>

INT.511

Endocochlear potential

From Wikipedia, the free encyclopedia. (gezien: 22 juni 2016)

https://en.wikipedia.org/wiki/Endocochlear_potential

INT.512

Intelligent bike helmet brings brains to head protection

Stanley Goodner, in: Gizmag, 21 juni 2016

<http://www.gizmag.com/brooklynness-classon-smart-helmet/43946>

INT.513

LED-laden bike helmet incorporates brake lights and turn indicators

Chris Blain, in: Gizmag 15 juli 2015

<http://www.gizmag.com/lumos-bike-helmet/38441>

INT.514

World's First Implantable Artificial Kidney Could Enter Human Trials By 2017

Suzanne Hodsdon, in: Med Device Online 17 februari 2016

<http://www.meddeviceonline.com/doc/world-s-first-implantable-artificial-kidney-could-enter-human-trials-by-0001>

INT.515

Wearable kidney device may free dialysis patients

Ben Hirschler, in: Reuters, 14 december 2007

<http://www.reuters.com/article/us-kidney-artificial-idUSL1243564120071214>

INT.516

Patients with kidney failure to get a new lease on life

In: Science Daily, 14 april 2014

<https://www.sciencedaily.com/releases/2014/04/140414123651.htm>

INT.517

Smartphone schrokt gadgetmarkt op

Kristof Van der Stadt, in: Data News, 24 juni 2016

http://datanews.knack.be/ict/nieuws/smartphone-schrokt-gadgetmarkt-op/article-normal-720761.html?utm_source=Newsletter-24/06/2016&utm_medium=Email&utm_campaign=Newsletter-RNB DATANNL&M_BT=16794110088288

INT.518

PowerWalk Harvests Power for U.S. Army, Marines

27 juni 2016

<http://powerelectronics.com/energy-harvesting/powerwalk-harvests-power-us-army-marines>

INT.519

Snowfox kan ongeruste ouders geruststellen

Sam Borremans, in: Wearables Magazine 29 juni 2016

<https://www.wearablesmagazine.nl/2016/06/snowfox-kan-ongeruste-ouders-gerust-stellen/>

INT.520

De Basslet: wie horen wil, moet ook voelen (video)

In: Engineers online, 30 juni 2016

<http://www.engineersonline.nl/nieuws/id27089-de-basslet-wie-horen-wil-moet-ook-voelen-video.html>

INT.521

Brabant vertelt. Met gedichten, geluiden en animaties nemen we je mee door de vele verhalen die Brabant rijk is.

www.brabantvertelt.nl

INT.522

Leadless Miniature Pacemaker Revolution

Olivia Gordon, in: Medtronic Eureka, juli 2016

<http://www.medtronic-eureka.com/innovation-articles/inspiration/MINIATUREPACEMAKER>

INT.523

1ste implantatie kleinste pacemaker ter wereld

Persbericht St. Antoniusziekenhuis, 24 januari 2014

<http://www.antoniusziekenhuis.nl/overstantonius/pers/persberichten/1ste-implantatie>

INT.524

DNA-Assisted β -phase Nucleation and Alignment of Molecular Dipoles in PVDF Film: A Realization of Self-Poled Bioinspired Flexible Polymer Nanogenerator for Portable Electronic Devices

Dipankar Mandal, e.a., in: ACS Appl. Mater. Interfaces, 2015, 7 (30), pp 16143–16147

<http://pubs.acs.org/doi/abs/10.1021/acsami.5b04161>

INT.525

Klantenservice: Insulinepompen (gezien: 4 juli 2016)

<https://www.medtronic-diabetes.nl/klantenservice/insuline-pompen>

INT.526

GM-NASA Space Robot Partnership Brings 'Power' Glove to Life
RoboGlove licensed to Swedish Medtech company Bioservo Technologies AB
6 juli 2016

<http://media.gm.com/media/us/en/gm/home.detail.html/content/Pages/news/us/en/2016/jul/0706-gm-nasa.html>

INT.527

Is your meal really gluten free? Portable sensor detects trace amounts of gluten in food at restaurants.

Rob Matheson, in: MIT News juli 2016

<http://news.mit.edu/2016/portable-sensor-gluten-free-0706>

INT.528

Ampy Move Review: This kinetic battery pack just doesn't squeeze enough juice

Sean Hollister, in: CNET 8 februari 2016

<http://www.cnet.com/products/ampy-move/>

INT.529

Power Harvesting from Human Serum in Buckypaper-Based Enzymatic Biofuel Cell

Güray Güven, Samet Şahin, Arcan Güven and Eileen H. Yu

<http://www.ginerinc.com/white-papers/power-harvesting-from-human-serum-in-buckypaper-based-enzymatic-biofuel-cell#>

INT.530

Investigation of Pendulum Structures for Rotational Energy Harvesting from Human Motion
Klevis Ylli, e.a.

In: Journal of Physics: Conference Series 660, 2015

<http://iopscience.iop.org/article/10.1088/1742-6596/660/1/012053/pdf>

INT.531

Wearables in 2015: "Met een Fitbit-bandje van je medicatie afkomen"

Anna Jacobs, in: SmartHealth, 17 december 2015

<http://www.smarthealth.nl/2015/12/17/wearables-in-2015-met-een-fitbit-bandje-van-je-medicatie-afkomen/>

INT.532

Piezo's, blog van Maarten Koster

<http://members.home.nl/m.j.koster/STM/Piezo's.html>

INT.533

Media (R)evolutions: Convergence around mobile phones in sub-Saharan Africa

Roxanne Bauer, blog Worldbank 23 maart 2016

<http://blogs.worldbank.org/publicsphere/category/tags/mobile-phones>

INT.534

Bellabeat launches Leaf Urban: the new edition in health-oriented smart jewelry

<https://www.bellabeat.com/press>

INT.535

Review: Going truly wireless with Earin Bluetooth earphones

Paul Ridden, in: Gizmag 1 december 2015

http://www.gizmag.com/review-earin-bluetooth-earbuds/37594/?li_source=L1&li_medium=default-widget

INT.536

Lumen flashlight needs touch, not batteries for power

Posted by: Community Writer in Eco Friend Latest

<http://ecofriend.org/lumen-flashlight-needs-touch-not-batteries-for-power>

INT.537

Lumen - Eternal Flashlight That Doesn't Need Batteries

<https://www.kickstarter.com/projects/940015402/lumen-eternal-flashlight-that-doesnt-need-batterie/posts/1503139>

<https://www.kickstarter.com/projects/940015402/lumen-eternal-flashlight-that-doesnt-need-batterie/posts/1606905>

<https://www.kickstarter.com/projects/940015402/lumen-eternal-flashlight-that-doesnt-need-batterie>

INT.538

Elektriciteit opwekken met je eigen zweet

Saskia Honcoop, in: New Scientist, 14 augustus 2014 |

<http://www.newscientist.nl/blogs/elektriciteit-opwekken-met-je-eigen-zweet>

INT.539

Nijmeegse start-up voor ultrageluid-wearables krijgt nieuwe ceo

Pieter Edelman, in: Bits & Chips 1 augustus 2016

<http://www.bits-chips.nl/artikel/nijmeegse-start-up-voor-ultrageluid-wearables-krijgt-nieuwe-ceo-47424.html>

INT.540

Vibration Energy Cell Batteries - Brother Industries : DigInfo (film)

<http://www.dailymotion.com/video/x31vabm>

INT.541

Piezoelectric Vibrational Energy Harvesters: Designs, Limits, And Applications To Avian Bio-Logging

Michael Shafer, Cornell Theses and Dissertations, 2013

<https://ecommons.cornell.edu/handle/1813/34324>

INT.542

Beating bird wings generate electricity for data collector

Krishna Ramanujan, in: Cornell Chronicle, 10 maart 2015

<http://news.cornell.edu/stories/2015/03/beating-bird-wings-generate-electricity-data-collector>

INT.543

The case for energy harvesting on wildlife in flight

Michael W Shafer, e.a. in: Smart Materials and Structures, 23 januari 2015

<http://iopscience.iop.org/article/10.1088/0964-1726/24/2/025031;jsessionid=AC7C58B26E8DE38DDC40C28BA856AD3F.c1.iopscience.cld.iop.org>

INT.544

18 ways the Army wants to make you deadlier

Kyle Jahner, IN: Army Times 2 juni 2016

<http://www.armytimes.com/story/military/tech/2016/06/01/18-ways-army-wants-make-you-deadlier/84852750/>

INT.545

BB. Suit: Slim pak dat lucht zuivert, te zien tijdens Dutch Design Week

Eindhoven's Dagblad 26 september 2014

<https://blendle.com/issue/edeindhoven/bnl-edeindhoven-20140927>

INT.546

Battery that has a wee bit more power: Fuel cell that uses urine to generate electricity developed by researchers

Daily Mail Reporter, in: Daily Mail, 17 april 2016

<http://www.dailymail.co.uk/sciencetech/article-3544957/Battery-wee-bit-power-Fuel-cell-uses-urine-generate-electricity-developed-researchers.html>

INT.547

Borsten kunnen stroom opwekken

<http://forum.kaise.nl/index.php/topic,153852.0/nowap.html?PHPSESSID=r9c191muoi0dqt95shs8n6hhh6>

INT.548

Miranda de Boer – Wandelvrienden

Facebook 7 augustus 2016

<https://www.facebook.com/groups/203038709763425/?fref=nf>

INT.549

Free Electric: uurtje fietsen voor 24 uur stroom

Elektrotechniek, 3 november 2015

<http://www.elektrotechniek365.nl/nieuws/free-electric-uurtje-fietsen-voor-24-uur-stroom>

INT.550

Energiefietsen, human power voor beginners

<http://www.energiefiets.be>

INT.551

Billions in Change Free Electric India Pilot May 2016 Update

<http://billionsinchange.com/news/billions-in-change-free-electric-india-pilot-may-2016-update>

INT.552

Frequently Asked Questions

<http://billionsinchange.com/faq>

INT.553

Footwear with hydroelectric generator assembly

Patent US 6239501 B1

<https://www.google.com/patents/US6239501>

INT.554

Energy Scavenging for Mobile and Wireless Electronics

Joseph A. Paradiso/Thad Starner, in: Pervasive computing, januari-maart 2005

<http://www.cc.gatech.edu/~thad/p/journal/energy-scavenging-for-mobile-and-wireless-electronics.pdf>

INT.555

Hydro Power Walking Shoe Makes Electricity Generation easy with H2O

Olawale Daniel, in: TechAtlast 12 juli 2013

<http://techatlast.com/hydro-power-walking-shoes>

INT.556

Shoe with internal foot warmer

www.google.nl/patents/US4674199

INT.557

Flexible, biodegradable device can generate power from touch (video)

In: ACS News Service Weekly PressPac: 12 augustus 2015

<https://www.acs.org/content/acs/en/pressroom/presspacs/2015/acs-presspac-august-12-2015/flexible-biodegradable-device-can-generate-power-from-touch-video.html>

INT.558

Spit on this: Tiny power generator utilizes unexpected fuel source in human saliva

Jim Algar, in: Tech Times 12 april 2014

<http://www.techtimes.com/articles/5191/20140412/spit-on-this-tiny-power-generator-utilizes-unexpected-fuel-source-in-human-saliva.htm>

INT.559

Wearable cloud could be less expensive, more powerful form of mobile computing

Tiffany Westry, in: UAB News 10 augustus 2016

<http://www.uab.edu/news/innovation/item/7513-wearable-cloud-could-be-less-expensive-more-powerful-form-of-mobile-computing>

INT.560

Bio-Batteries and Bio-Fuel Cells: Leveraging on Electronic Charge Transfer Proteins

L. Munukutla, e.a.

www.yorku.ca/audette/pdf/JNN_v9_p1665_2009.pdf

INT.561

Trui met verwarming houdt koukleumen warm

In: Elektrotechniek 365, 23 september 2014

<https://www.elektrotechniek365.nl/nieuws/trui-met-verwarming-houdt-koukleumen-warm>

INT.562

Der Herzschrittmacher der Zukunft – technische Visionen

Rolf Vogel, e.a., in: Therapeutische Umschau 2015

<http://econtent.hogrefe.com/doi/pdf/10.1024/0040-5930/a000711>

INT.563

Hybrid nanogenerator powers a safety helmet

In: Nanotechweb, 28 juli 2016

<http://nanotechweb.org/cws/article/tech/65718>

INT.564

Proposed standards for triboelectric nanogenerators could facilitate comparisons

In: Science Daily, 25 september 2015

<https://www.sciencedaily.com/releases/2015/09/150925085349.htm>

INT.565

Interview On Making The Batteryless Cardiac Pacemaker Powered By An Automatic Watch Movement

Ariel Adams, in: Forbes 20 januari 2015

<http://www.forbes.com/sites/arieladams/2015/01/20/interview-on-making-the-batteryless-cardiac-pacemaker-powered-by-an-automatic-watch-movement/#1c081b2165e4>

INT.566

Beating Heart Powers Pacemaker

New biomedical device converts heart's mechanical energy to electrical energy

Megan Fellman, in: Northwestern, 9 april 2014

<http://www.northwestern.edu/newscenter/stories/2014/04/beating-heart-powers-pacemaker.html>

INT.567

Cool Jobs: Making electronics to wear; Meet the researchers who are pushing the boundaries of electronic devices

Stephen Ornes, in: Science News for Students, 29 januari 2016

<https://www.sciencenewsforstudents.org/article/cool-jobs-making-electronics-wear?mode=topic&context=39>

INT.568

In for the long haul with Sennheiser's high-end wireless travel headphones

Paul Ridden, in: New Atlas, 28 augustus 2016

<http://newatlas.com/sennheiser-pxc-550-bluetooth-noise-canceling-headphones/45126>

INT.569

Micro-power energyharvesting for in-ear devices

Aidin Delnavaz, Jérémie Voix

<http://cap.ee.ic.ac.uk/~pdm97/powermems/2012/poster/P-063.pdf>

INT.570

Energy harvesting from the human head

Aidin Delnavaz, Jérémie Voix

www.critias.etsmtl.ca

INT.571

Fitbit introduceert tweede generatie van zijn Charge- en Flex-wearables

Sander van Voorst, in: Tweakers, 29 augustus 2016

<https://tweakers.net/nieuws/115073/fitbit-introduceert-tweede-generatie-van-zijn-charge-en-flex-wearables.html>

INT.572

Energy harvester device for in-ear devices using ear canal dynamic motion

Aidin Delnavaz, Jérémie Voix, patentaanvraag 22 april 2013

<http://patents.justia.com/patent/9281764>

INT.573

Electromagnetic micro-power generator for energy harvesting from breathing

Aidin Delnavaz, Jérémie Voix

In: IECON 2012 - 38th Annual Conference on IEEE Industrial Electronics Society

<http://ieeexplore.ieee.org/document/6388587>

INT.574

Why I Don't Use A Smart Phone | Ann Makosinski | TEDxTeen

<http://tedxteen.com/talks/tedxteen-2016-london/364-ann-makosinski-why-i-don-t-use-a-smart-phone>

INT.575

Anti-snoring device gives you an earful

Ben Coxworth, in: New Atlas 31 augustus 2016

<http://newatlas.com/snore-circle/45201/>

INT.576

Providing Bite Count Feedback Helps Lower Calorie Intake

Elsevier 22 juni 2016

<http://www.alphagalileo.org/ViewItem.aspx?ItemId=165381&CultureCode=en>

INT.577

Horus, the wearable assistant for blind people

<http://horus.tech/en/horus.php>

INT.578

New system could bring HUD to more helmets

Spiros Tsantilas, in: New Atlas, 1 september 2016

<http://newatlas.com/seemore-motorcycle-helmet-hud/45214/>

INT.579

23 powerbanks review: extra power voor je smartphone; Nooit meer zonder stroom

Eric van Ballegoie, in: Hardware.info, 4 oktober 2015

<https://nl.hardware.info/reviews/6290/2/23-powerbanks-review-extra-power-voor-je-smartphone-ampere-uur-of-wattuur>

INT.580

Besparen op hoortoestelbatterijen

Marvin Grouw, 30 mei 2016

<http://www.gehoortest.nl/2016/05/30/besparen-op-hoortoestelbatterijen>

INT.581

BMW shows motorcycle helmet head-up display and laser light concepts

Spiros Tsantilas, in: New Atlas, 5 januari 2016

http://newatlas.com/bmw-motorrad-hud-laser-light-2016-ces/41188/?li_source=L1&li_medium=default-widget

INT.582

Alcatel's Vision VR headset doesn't need a phone or PC

David Nield, in: New Atlas, 2 september 2, 2016

<http://newatlas.com/alcatel-vision-review-hands-on-ifa/45238/>

INT.583

Sony's new Emergency Radios let you Crank/Solar-Charge your Smartphones

Shayne Rana, in: New Launches 18 juni 2013

<http://newlaunches.com/archives/sonys-new-emergency-radios-let-you-cranksolar-charge-your-smartphones.php>

INT.584

Eton American Red Cross FRX3 Hand Crank NOAA AM/FM Emergency Radio Features Multiple Power Options

<http://www.tuvie.com/eton-american-red-cross-frx3-hand-crank-noaa-amfm-emergency-radio-features-multiple-power-options>

INT.585

2016 Best Crank Radio Reviews

<http://www.toptenreviews.com/outdoor/camping/best-crank-radios/>

INT.586

Slimme riem van Samsung-startup verkrijgbaar op Kickstarter

In: Nu.nl, 5 september 2016

<http://www.nu.nl/gadgets/4317053/slimme-riem-van-samsung-startup-verkrijgbaar-kickstarter.html>

INT.587

Body Heat as a Power Source; Wearable integrated thermocells based on gel electrolytes use body heat

In: Angewandte Chemie International, 26 augustus 2016

[http://onlinelibrary.wiley.com/journal/10.1002/\(ISSN\)1521-3773/homepage/press/201630press.html](http://onlinelibrary.wiley.com/journal/10.1002/(ISSN)1521-3773/homepage/press/201630press.html)
<http://www.ncbi.nlm.nih.gov/pubmed/27557890>

INT.588

9 manieren om stroom op te wekken met je eigen lijf
Rijkert Knoppers, in: Down to Earth Magazine, 3 september 2016
<https://downtoearthmagazine.nl/stroom-uit-je-eigen-lijf>

INT.589

Thermogalvanic cell
https://en.wikipedia.org/wiki/Thermogalvanic_cell

INT.590

De draadloze Apple-oortjes: nooit meer knopen!
HP/De Tijd, 9 september 2016
<http://www.hpdetijd.nl/2016-09-09/draadloze-apple-oortjes-nooit-meer-knopen/>

INT.591

Lightweight, Wearable Tech Efficiently Converts Body Heat to Electricity
Daryoosh Vashae, Matt Shipman
NC State News, September 12, 2016
<https://news.ncsu.edu/2016/09/wearable-teg-heat-harvesting-2016>

INT.592

Wearable Concerns: Lifestyle vs. Medical-Grade Devices
Doug Roe, Chief Editor, in: Med Device Online, 7 september 2016
www.meddeviceonline.com

INT.593

Mexican patented device that transforms urine into fuel
In: Alpha Galileo, 13 September 2016
<http://www.alphagalileo.org/ViewItem.aspx?ItemId=167877&CultureCode=en>

INT.594

Mexican engineer extracts gas from urine to heat shower
Jennifer Gonzalez Covarrubias, in: Phys.org 9 juni 2016
<http://phys.org/news/2016-06-mexican-gas-urine-shower.html>

INT.595

Mexican Space Agency Supports Fuel Cell Innovation
Carmen Felixin, National Space Programs, 15 maart 2012
<http://www.spacesafetymagazine.com/space-on-earth/national-space-programs/mexican-space-agency-supports-fuel-cell-innovation>

INT.596

SFC Energy Receives Initial Order for Portable JENNY 1200 fuel cells from an International Defense Force
<http://www.sfc.com/en/SFC-Energy-Receives-Initial-Order-for-Portable-JENNY-1200-fuel-cells-from-an-International-Defense-Force>

INT.597

Energy-harvesting rubber sheets could power pacemakers, mobile phones
In: Phys Org 27, januari 2010
<http://phys.org/news/2010-01-energy-harvesting-rubber-sheets-power-pacemakers.html>

INT.598

Wearable sleeping bag liner brings the heat at camp
C.C. Weiss, in: New Atlas 19 april 2016
<http://newatlas.com/ravean-heated-sleeping-liner/42844>

INT.599

Portable air conditioner would do more than keep things cool

Stanley Goodner, in: New Atlas 18 augustus 2016

<http://newatlas.com/zero-breeze-portable-air-conditioner/44973/>

INT.600

Energy Generating Outerwear

Laima Eglite, Galina Terlecka, Juris Blums

<https://mstct-journals.rtu.lv/article/view/mstct.2015.010/809>

INT.601

Sensor for soccer slides onto calves to track your roundball prowess

Nick Lavars, in: New Atlas, 3 oktober 2016

<http://newatlas.com/zepp-play-soccer-sensor/45730>

INT.602

March 1856 – The hand-powered submarine

Jon Excell, in: The Engineer, 1 september 2015

<https://www.theengineer.co.uk/issues/sept-2015-online/march-1856-the-hand-powered-submarine>

INT.603

Trackr! GPS tracking

<http://trackr.nl>

INT.604

One Big Question: Do you really have to drain your battery periodically to keep it conditioned?

Michael Franco, in: New Atlas 7 oktober 2016

INT.605

Wearable keyboard lets users Tap to type

Stu Robarts, in: New Atlas, 16 mei 2016

http://newatlas.com/tap-strap-wearable-bluetooth-keyboard/43337/?li_source=LI&li_medium=default-widget

INT.606

Micro Generator System “26.4”

Kinetron, 18-12-2014

<http://www.kinetron.eu/wp-content/uploads/2015/01/MGS-26.4.pdf>

INT.607

The Micro Generating System for a Watch

Kinetron, z.j.

<http://www.kinetron.eu/wp-content/uploads/2014/04/MGSWatch.pdf>

INT.608

De Mini-Generator van Kinetron

Pieter Doensen, in: Rolexencyclopedie, z.j.

<http://www.rolexencyclopedie.nl/dutch/techniek/de-mini-generator-van-kinetron/>

INT.609

Power shoe

Aparna Pallavi in: Down to Earth, dinsdag 31 januari 2012

Uitg.: Society for Environmental Communications New Delhi, India

<http://www.downtoearth.org.in/news/power-shoe-35676>

INT.610

Dartmouth-Led Team Develops WristWhirl, A Smartwatch Prototype Using Wrist As A Joystick
Press release, 14 oktober 2016

<http://www.dartmouth.edu/press-releases/wristwhirl-joystick-101416.html>

INT.611

Roving Blue O-Pen

<http://www.rovingblue.com/products/detail.php?p=5>

INT.612

Pacemakers: verleden, heden en toekomst

V.F. van Dijk, in: Stin, stichting ICD dragers, juli 2014

<http://www.stin.nl/over-de-icd/technische-informatie/pacemakers-verleden-heden-en-toekomst.htm>

INT.613

Carin

Product description

<https://carinwear.com/shop/carin-full-set>

INT.614

Slimme kleding verbetert zorg op afstand voor Parkinson

Fitria Jelyta, in: Duurzaam bedrijfsleven 24 oktober 2016

<http://www.duurzaambedrijfsleven.nl/zorg/18531/slimme-kleding-verbetert-zorg-op-afstand-voor-parkinson>

INT.615

Eco friendly flashlights

Ningbo Eco-Origin Co., Ltd.

<http://ningboeco-origin.sale.jazzonln.com/c694119-eco-friendly-flashlights>

INT.616

How Faraday Flashlights Work

<http://www.shake-flashlights.com/how-they-work.html>

INT.617

Shake Flashlight,

KJMagnetics in: Instructables

<http://www.instructables.com/id/Shake-Flashlight-1>

INT.618

Horus wearable helps the blind navigate, remember faces and read books

Michael Irving, in: New Atlas 31 oktober 2016

<http://newatlas.com/horus-wearable-blind-assistant/46173/>

INT.619

New Tech Allows Deaf People To Sense Sounds

<http://futurism.com/new-tech-allows-deaf-people-to-sense-sounds>

INT.620

Harnessing the energy of small bending motions; New device could provide electrical power source from walking and other ambient motions.

David L. Chandler, in: MIT News, 6 januari 2016

<http://news.mit.edu/2016/harnessing-energy-bending-motions-0106>

<http://www.nature.com/articles/ncomms10146>

INT.621

Introducing OMbra; The smart sports bra for mindful running

<https://omsignal.com/>

INT.622

Energy Harvesting for Wearable Devices

The University of Utah • Department of Mechanical Engineering, 2014

<http://iss.mech.utah.edu/energy-harvesting-for-wearable-devices>

INT.623

Create a Cardboard Energy Harvester; DIY Energy Pulses for Pennies

R. Colin Johnson, in: EE Times, 26 januari 2016

http://www.eetimes.com/document.asp?doc_id=1328776

http://cINT.edn.com/ContentEETimes/Images/EETimes_cte/rcj_Cardboard_Energy_Harvester_2.jpg

INT.624

Trillingsshirt voor doven

Hilde de Laat, in: Technisch Weekblad 1 november 2016

<https://www.technischweekblad.nl/nieuws/trillingsshirt-voor-doven/item9596>

<http://sound-shirt.jimdo.com/english-1/>

INT.625

Materieel gezien nr. 9 november 2012

<https://magazines.defensie.nl/materieelgezien>

INT.626

Gravity Light

<http://gravitylight.org>

INT.627

German dynamo flashlight

https://commons.wikimedia.org/wiki/File:German_dynamo_flashlight_from_World_War_1.jpg

INT.628

Hand Crank Generator – K-Tor Pocket Socket

<https://www.k-tor.com/hand-crank-generator>

INT.629

How to generate human energy; K-Tor tells us how we can generate human energy and charge our devices

Jess Smith, in: College News, 13 mei 2016

<http://www.collegenews.com/article/how-to-generate-human-energy>

INT.630

Bioelectricity

The Editors of Encyclopædia Britannica [bekeken 10 november 2016]

<https://www.britannica.com/science/bioelectricity>

INT.631

Anti Snore Wearable

<https://www.kickstarter.com/projects/michielallessie/anti-snore-wearable>

INT.632

Matrix PowerWatch is a smartwatch powered only by body heat

Eric Mack, in: New Atlas, 15 november 2016

<http://newatlas.com/matrix-powerwatch-body-heat-thermoelectric-smartwatch/46430/>

INT.633

Technology

<https://www.indiegogo.com/projects/smartwatch-powered-by-you-matrix-powerwatch-watch-fitness#/>

INT.634

Completely wireless, portable, adaptive and full body motion capture system.

<http://www.jim-fit.nl>

INT.635

Sony's bio battery turns waste paper into electricity

Op: BBC, 8 maart 2012

<http://www.bbc.com/news/technology-16288107>

INT.636

This Troy company is ready to bring its paper-thin batteries to market

Chelsea Diana, in: Albany Business Review, 20 januari 2016

<http://www.bizjournals.com/albany/news/2016/01/20/this-troy-company-is-ready-to-bring-its-paper-thin.html>

INT.637

Cougar -Mobiële trap generator

Via: Eco-logisch

<https://www.eco-logisch.nl/Powerplus-Cougar--Mobiële-trap-generator--7071>

http://www.powerplus.nl/sheets/cougar_sheet.pdf

INT.638

Orange power pump

http://www.gotwind.org/orange_power_pump.htm

INT.639

Fully analog cellphone charging

Chris Burns, 12 januari 2009, Yank Design

<http://www.yankodesign.com/2009/12/01/fully-analog-cellphone-charging/>

INT.640

Cheers To Finger Power!

By Radhika Seth 01/04/2010, in Yanko Design

<http://www.yankodesign.com/2010/01/04/cheers-to-finger-power>

INT.641

Delivering a power punch

KAUST

<http://www.alphagalileo.org/ViewItem.aspx?ItemId=170159&CultureCode=en21>

INT.642

Energy-generating furniture units

<http://www.ecofriend.com/12-energy-generating-furniture-units.html>

INT.643

Empower concept chair rocks!

Tannith Cattermole

In: New Atlas, 9 maart 2010

<http://newatlas.com/empower-rocking-chair-stores-energy/14431/>

INT.644

Radio Praha

<http://www.radio.cz/en/section/magazine/magazine-2009-07-25>

INT.645

Rock On: A Student-Designed Rocking Chair Generates Energy to Charge a Cell Phone

Eli Wolfe, in: California Magazine, 8 juli 2015

<http://alumni.berkeley.edu/california-magazine/just-in/2015-07-08/rock-student-designed-rocking-chair-generates-energy-charge>

INT.646

Sleek rocking chair generates electricity to charge gadgets

Mike Flacy, in: Digital Trends, 7 augustus 2012

<http://www.digitaltrends.com/cool-tech/rocking-chair-generates-electricity-to-charge-gadgets>

INT.647

Rocking chair converts kinetic energy into electricity to power your gadgets

Design Buzz, z.j.

<http://www.designbuzz.com/rocking-chair-converts-kinetic-energy-into-electricity-to-power-your-gadgets>

INT.648

Bio Batteries Made From Poo Could Power Smartphones and Tablets of the Future

Mary-Ann Russon, in: International Business Times 19 november 2014

<http://www.ibtimes.co.uk/bio-batteries-made-poo-could-power-smartphones-tablets-future-1475548>

INT.649

Rock Breathing Bacteria Discovery Opens Doors To Electricity From Microbes

Alton Parrish, in: Ineffable Island juni 2011

<http://www.ineffableisland.com/2011/06/rock-breathing-bacteria-discovery-opens.html>

INT.650

This stylish rocking chair uses your movement to charge your gadgets

Nadav Doffman-Gour, in Gadgets 7 augustus 2012

<http://thenextweb.com/gadgets/2012/08/07/this-stylish-rocking-chair-uses-your-movement-to-charge-your-gadgets/>

INT.651

The clean energy that's produced by grime: Batteries which use bacteria to make electricity will be on sale 'in ten years'

In: Daily Mail 26 maart 2013

<http://www.dailymail.co.uk/sciencetech/article-2299318/Maybe-clean-energy-isnt-great-Scientists-brink-creating-batteries-produce-electricity-bacteria.html>

INT.652

The unexpected power of poop; new research moves one step closer to a fecal future

Amar Toor in: The Verge 19 september 2013

<http://www.theverge.com/2013/9/19/4747532/scientists-use-poop-to-generate-electricity>

INT.653

Stanford scientists use 'wired microbes' to generate electricity from sewage

Tom Abate, in Stanford Engineering 16 september 2013

<https://engineering.stanford.edu/news/stanford-scientists-use-wired-microbes-generate-electricity-sewage>

INT.654

New toilet turns human waste into electricity and fertilizer

ScienceDaily, 26 juni 2012

<https://www.sciencedaily.com/releases/2012/06/120626072942.htm>

INT.655

Orbi Prime records 4K 360-degree video with stylish shades

<http://newatlas.com/orbi-prime-360-camera-glasses/46698>

INT.656

Triboelectric effect

From Wikipedia, the free encyclopedia [geraadpleegd 30 november 2016]

https://en.wikipedia.org/wiki/Triboelectric_effect

INT.657

Go Green Schudzaklamp Medium

Marcel van der Steen, 31 januari 2010

<http://www.olino.org/articles/2010/01/31/go-green-schudzaklamp-medium>

INT.658

HandEnergy brings new twist to pocket electricity generation

Stanley Goodner, in: New Atlas 1 december 2016

<http://newatlas.com/handenergy-pocket-generator/46712/>

INT.659

YoGen charger uses your energy for its power

Jude Garvey, in: New Atlas, 10 januari 2010

<http://newatlas.com/yogen-charger-uses-your-energy-for-its-power/13798>

INT.660

Wind 'N Go Micro Shaver Compact 2-Head Shaver

Via: Amazon

https://www.amazon.com/gp/product/B002654ROC/ref=as_li_tf_

[UTF8&camp=1789&creative=9325&creativeASIN=B002654ROC&linkCode=as2&tag=bespaenerg-20](https://www.amazon.com/gp/product/B002654ROC/ref=as_li_tf_Utf8&camp=1789&creative=9325&creativeASIN=B002654ROC&linkCode=as2&tag=bespaenerg-20)

INT.661

Wind-Up Mobile Phone Charger

Via: Amazon

<https://www.amazon.co.uk/Wind-Up-Mobile-Phone-Charger/dp/B00062UXIG>

INT.662

Wind-up mobile phone created by UK firm

Tom Chivers, in: The Telegraph, 5 oktober 2009

<http://www.telegraph.co.uk/technology/mobile-phones/6261344/Wind-up-mobile-phone-created-by-UK-firm.html>

INT.663

Clipray

<http://www.etoncorp.com/en/productdisplay/clipray-1>

INT.664

Windup and Clockwork Power

<http://www.trevorbaylisbrands.com/tbbnew/technology/winduppower.asp>

INT.665

Handdynamo Type 7424

http://www.pa3esy.nl/Philips/knijpkat/html/knijpkat_set.html

INT.666

Windup radio.com. About Trevor Baylis, the inventor of the windup technology

<http://windupradio.com/trevor.htm>

INT.667

Smart tattoos with the Midas touch interface

Scott Collie, in: New Atlas, 15 augustus 2016

<http://newatlas.com/duoskin-smartphone-controls/44890>

INT.668

Personalised wearable tech can help adults diagnosed with autism manage anxiety

Alpha Galileo 17 August 2016

<http://www.alphagalileo.org/ViewItem.aspx?ItemId=167105&CultureCode=en>

INT.669

Power Harvesting from Human Serum in Buckypaper-Based Enzymatic Biofuel Cell

Güray Güven, e.a. in: Frontiers in Energy Research, februari 2016

https://www.researchgate.net/publication/295102057_Power_Harvesting_from_Human_Serum_in_Buckypaper-Based_Enzymatic_Biofuel_Cell

INT.670

The future of energy bio battery

Urba Ziyauddin Siddiqui, Anand K.Pathrikar, in: eSAT Journals, november 2013

esatjournals.net/ijret/2013v02/i11/IJRET20130211017.pdf

INT.671

A Battery Made With Paper

Robert F. Service, in: Science Magazine 8 december 2009

<http://www.sciencemag.org/news/2009/12/battery-made-paper>

INT.672

Batterijduur verlengen met een aantal handige tips

<https://www.simyo.nl/blog/batterijduur-verlengen-met-een-aantal-handige-tips>

INT.673

Nanogenerator

Wikipedia, the free encyclopedia

<https://en.wikipedia.org/wiki/Nanogenerator>

INT.674

Waarom de batterij (nog) de zwakke schakel is in de smartphone

Engineersonline, 20 augustus 2016

http://www.engineersonline.nl/nieuws/id27224-waarom-de-batterij-nog-de-zwakke-schakel-is-in-desmartphone.html?utm_medium=email&utm_campaign=Waarom+de+batterij+%28nog%29+de+zwakke+schakel+is+in+de+smartphone&utm_source=newsletter

INT.675

A walker that works using artificial intelligence is created for elders

In: Investigación y Desarrollo, 27 juli 2016

<http://www.alphagalileo.org/ViewItem.aspx?ItemId=166591&CultureCode=en>

INT.676

Het binnenste van Sony's suikerbatterij
Xenia Bakker, in: Sync.nl, 30 augustus 2007
<http://sync.nl/het-binnenste-van-sonys-suikerbatterij>

INT.677

Project energieopslag
KU Leuven 2016
<https://eng.kuleuven.be/innovationlab/werkkopie/energieopslag>

INT.678

Biobatterij scheidt luchtje
In: NEMO Kennislink 13 maart 2013
<http://www.kennislink.nl/publicaties/biobatterij-scheidt-luchtje>

INT.679

Sony Develops "Bio Battery" Generating Electricity from Sugar
- Achieves world's highest power output for passive-type bio batteries -
News Release Sony, 23 augustus 2007
<http://www.sony.net/SonyInfo/News/Press/200708/07-074E>

INT.680

Wearable tech trial to help fight diabetes
Via: King's Health Partners, 29 juli 2016
<http://www.kingshealthpartners.org/latest/615-wearable-tech-trial-to-help-fight-diabetes>

INT.681

Cellulose-based batteries
In: Advantage Environment, 7 september 2012
<http://advantage-environment.com/future/cellulose-based-batteries>

INT.682

Sony improves their glucose-powered fuel cell
Matthew Humphries, in: Geek 2 maart 2009
<http://www.geek.com/gadgets/sony-improves-their-glucose-powered-fuel-cell-705472>

INT.683

Biobatteries catch breath
Warsaw, 7 maart 2013
www.ichf.edu.pl/press/2013/03/IChF130307a_EN.pdf

INT.684

Living battery – biofuel cells operating in vivo in clams
Evgeny Katz, e.a.
In: Energy Environ. Sci., 2012
<http://pubs.rsc.org/is/content/articlelanding/2012/ee/c2ee21626d#!divAbstract>

INT.685

PULSE Jump Rope from Uncharted Play
<http://ecofriend.org/gadget-ingenuity-drawing-power-kinetic-energy/>
<http://www.yankodesign.com/2010/06/18/skip-to-more-power/>

INT.686

Mipwr: Instantly Charge Your iPhone 5/5S with Your Hand!

<https://www.kickstarter.com/projects/1979044355/mipwr-instantly-charge-your-iphone-4-4s-with-your-hand>
<http://www.wearable.nl/gadgets/batterij-bijna-leeg-met-dit-smartphonehoesje-hoef-je-m-niet-meer-te-knijpen/>

INT.687

Varta LED Solar light

<http://batterijenland.nl/zaklampen/varta/varta-led-solar-light-zaklamp>

INT.688

New Portable Anti-Hypothermia Device Can Warm 5 Liters of Blood on a Single Charge

<https://futurism.com/new-portable-anti-hypothermia-device-can-warm-5-liters-of-blood-on-a-single-charge/>

INT.689

Scientists Make Shake-to-Charge Cellphones a Real Possibility

Will Ferguson, in: New Scientist 14 november 2012

<http://gizmodo.com/5960440/scientists-make-shake-to-charge-cellphones-a-real-possibility>

INT.690

Could Poop Soon Power Smartphones? Natural Process Found In Bacteria In Faeces Could Be Used To Improve 'Bio Batteries'

Malaysian Digest, 19 november 2016

<http://www.malaysiandigest.com/technology/528647-could-poop-soon-power-smartphones-natural-process-found-in-bacteria-in-faeces-could-be-used-to-improve-bio-batteries.html>

INT.691

Flexible device uses heartbeat to create electrical source in body

Michelle Castillo, in: CBS News 21 januari 2014

<http://www.cbsnews.com/news/flexible-device-uses-heartbeat-to-create-in-body-electrical-source>

INT.692

Sony ODO Twirl N' Take Hand-powered Digital Camera

Christine Lepisto in: Treehugger, 13 januari 2008

<http://www.treehugger.com/clean-technology/sony-odo-twirl-n-take-hand-powered-digital-camera.html>

INT.693

Sony May Never Charge Again

Matthew Sparkes, in: Treehugger 5 juni 2007

<http://www.treehugger.com/gadgets/sony-may-never-charge-again.html>

INT.694

LomoKino lets you shoot VERY old school 35mm movies

Ben Coxworth, in: New Atlas, 3 november 2011

<http://newatlas.com/lomokino-super-35-movie-maker/20382/>

INT.695

Oproep aan alle fabrikanten: geef smartphones een grotere accu

Daniël Verlaan op Android Planet 3 november 2015

<https://www.androidplanet.nl/nieuws/grote-accu-in-smartphones/>

INT.696

A self-sustaining pyroelectric nanogenerator driven by water vapour
Fengxian Gao, Wanwan Li, Xiaoqian Wang, Xiaodong Fang, Mingming Ma
In: Nano Energy, Volume 22, april 2016
<http://www.sciencedirect.com/science/article/pii/S2211285516000628>

INT.697

Thermoelectric paint generates electricity from almost any heat source
Colin Jeffrey, in: New Atlas 11 december 2016
<http://newatlas.com/paint-on-thermoelectric-generator-unist/46882/>

INT.698

Energy-generating sheet folds for more firepower
Nick Lavars, in: New Atlas, 9 december 2016
<http://newatlas.com/energy-generating-sheet-fold/46874/>

INT.699

Cochlear implants—with no exterior hardware
Larry Hardesty, in: Phys Org, 9 februari 2014
<http://phys.org/news/2014-02-cochlear-implantswith-exterior-hardware.html>

INT.700

How Nanogenerators Work
Stephanie Crawford, in: How stuff works, z.j. <http://electronics.howstuffworks.com/nanogenerator2.htm>

INT.701

Vibro-tactile R&D kit
http://www.elitac.nl/wp-content/uploads/2016/11/Elitac_Flyer_ScienceSuit.pdf

INT.702

Bolton scientists closer to commercial launch of 'smart' material that could revolutionize phone and laptop charging
Saiqa Chaudhari, in: Bolton News 22 februari 2014
http://www.theboltonnews.co.uk/news/11029446.Bolton_scientists_closer_to_commercial_launch_of_smart_material_that_could_revolutionize_phone_and_laptop_charging/

INT.703

Flexible device captures energy from human motion
9 december 2016
<http://msutoday.msu.edu/news/2016/flexible-device-captures-energy-from-human-motion>

INT.704

Is there a way to harvest electrical energy from humans?
Eric Ateto, op Quora 9 januari 2015
<https://www.quora.com/Is-there-a-way-to-harvest-electrical-energy-from-humans>

INT.705

Spin-offbedrijf wint innovatieprijs voor slimme pleister
Fitria Jelyta, in: Duurzaam Bedrijfsleven 31 oktober 2016
<http://www.duurzaambedrijfsleven.nl/zorg/18713/spin-offbedrijf-wint-innovatieprijs-voor-slimme-pleister>

INT.706

UW completes trials of wearable artificial kidney
Lori Matsukawa, in: King 2 juni 2016
<http://www.king5.com/news/health/uw-completes-trials-of-wearable-artificial-kidney/229276922>

INT.707

Patient trial confirms Wearable Artificial Kidney proof of concept

Science Daily, 2 juni 2016

<https://www.sciencedaily.com/releases/2016/06/160602162927.htm>

INT.708

Breast shaping and lifting support garment

Yvonne Silverman; Robert Silverman

<https://worldwide.espacenet.com/publicationDetails/biblio?CC=US&NR=9226530B1&KC=B1&FT=D#>

INT.709

Footwear Embedded Energy Harvester

Website InStep NanoPower [geraadpleegd 27 dec 2016]

http://instepnanopower.com/2_Technology/Technology.aspx

INT.710

Footwear Embedded Energy Harvester

Via website InStep NanoPower. [geraadpleegd 10 augustus 2017]

http://www.instepnanopower.com/2_Technology/Technology.aspx

INT.711

CES 2017: wat kunnen we verwachten op het gebied van wearables?

Bart Vuijk, in: Wearables Magazine 27 december 2016

<https://www.wearablesmagazine.nl/2016/12/ces-2017-wat-kunnen-we-verwachten-op-het-gebied-van-wearables>

INT.712

Discover New Ways to Enjoy Your Music

<http://www.musicwrap.co>

INT.713

The PowerWalk Specifications December 2016

http://www.bionic-power.com/wp-content/uploads/2016/09/D0079-03_Technical-Brochure_Web.pdf

INT.714

Knee power harnessed by scientists in Bedfordshire

<http://www.itv.com/news/anglia/2012-06-15/knee-power-harnessed-by-scientists-in-bedfordshire>

INT.715

Slo-mo energy harvesting could see finger presses powering touchscreen devices

Lynda Delacey, in: New Atlas 30 december 2016

<http://newatlas.com/finger-movements-could-power-next-gen/47135>

INT.716

Nederlanders steeds meer online via smartphone

Gfk 17 november 2016

<http://www.gfk.com/nl/insights/news/nederlanders-steeds-meer-online-via-smartphone>

INT.717

Tiny activity tracker gets into the ring

Eric Mack, in: New Atlas, 3 januari 2017

<http://newatlas.com/motiv-ring-fitness-tracker-heart-rate/47187>

INT.718

The best smartphones of 2016

Emily Ferron, in: New Atlas, 28 november 2016

<http://newatlas.com/best-smartphones-2016/46658>

INT.719

Energy Harvesting: Pizzicato² goes Contactless

Mik Pozzi's research; Snippets on Energy Harvesting and Mechatronics, z.j.

<https://www.staff.ncl.ac.uk/michele.pozzi/energy-harvesting-mechatronics/contactless-energy-harvesting>

INT.720

Silence is golden, with QuietOn's active-noise-cancelling earplugs

Will Shanklin, in: New Atlas 8 januari 2017

<http://newatlas.com/quieton-noise-cancelling-earplugs-hands-on/47289/>

INT.721

Hand Crank Mobile Phone Charger 2200mAh Hand Generator Hand Crank Dynamo Emergency Power Bank

https://www.alibaba.com/product-detail/3-7V-rechagerble-hand-dynamo-battery_60467362752.html

INT.722

Markt enterprise wearables verschuift naar 'body-worn'

Telecompaper 11 januari 2017

<https://www.telecompaper.com/nieuws/markt-enterprise-wearables-verschuift-naar-body-worn--1179069>

INT.723

OLPC Afghanistan's Pedal Powered Progress

http://www.olpcnews.com/countries/afghanistan/updates_from_olpc_afghanistan_1.html

INT.724

Piezo Transmitter Module PTM 100 User Manual V1.4 juni 2004

http://www.produktinfo.conrad.com/datenblaetter/175000-199999/190338-an-01-en-Piezo_Funksendemodul_PT100_868MHZ.pdf

INT.725

The true cost of batteries

The True Cost of Batteries – why energy harvesting is the best power solution for wireless sensors (PDF)

<https://www.enocean.com/en/technology/white-papers>

INT.726

Review: slimme armband voor personenalarm

Jozef Schildermans, in: Datanews 10 januari 2017

<http://datanews.knack.be/ict/reviews/review-slimme-armband-voor-personenalarm>

INT.727

Clockwork Heart

Emily Waltz, in: IEEE Transactions on Biomedical Circuits and Systems, 11 januari 2017

http://spectrum.ieee.org/the-human-os/biomedical/devices/clockwork-heart/?utm_source=humanosalert&utm_medium=email&utm_campaign=012517

INT.728

Wearable sensor device helps visually impaired to sense their environment

[Geraadpleegd 10 januari 2017]

<http://www.guidesense.com>

INT.729

Jurk van grafeen zorgt zelf voor energie

Standaard 26 januari 2017, in: The Guardian 25 januari 2017

http://www.standaard.be/cnt/dmf20170126_02696733

<https://www.theguardian.com/uk-news/2017/jan/25/first-dress-graphene-unveiled-in-manchester-wonder-material>

INT.730

Vibration-Powered AA Battery Charges Up When You Shake It

Paul Adams, in Popsi: 16 juli 2010

<http://www.popsi.com/gadgets/article/2010-07/vibration-powered-battery-charges-when-you-shake-it>

INT.731

Meditation, massage and motion sickness: Testing five wellness wearables

Will Shanklin, in: New Atlas 27 januari 2017

<http://newatlas.com/best-meditation-massage-tech-wearables/47604>

INT.732

Wearables watch your skin to prevent dehydration

Ben Coxworth, in: New Atlas 30 januari 2017

<http://newatlas.com/hydration-skin-patch-strap/47642>

INT.733

JewelPUMP I

http://www.debiotech.com/newsite/page/index.php?page=product_01&id=1&id_prod=0#type=Brief

INT.734

World-class smart material – born in Bolton

<http://www.scienceinparliament.org.uk/wp-content/uploads/2014/10/WORLD-CLASS-SMART-MATERIAL-by-Daniel-Keating.pdf>

INT.735

SOS Ready's Beam Shake Flashlight

<http://www.personaldefenseworld.com/2014/03/sos-readys-beam-shake-flashlight/#shake-flashlight>

INT.736

Kinetic Flashlight Challenge

Lynn Burke, 8 maart 2011

<http://itslynnburke.com/notebook/?p=316>

INT.737

Waarom je je werkgever (soms) moet wantrouwen

Gary Eastwood, in: Cio.nl 6 februari 2017

<http://cio.nl/mobility/96822-waarom-je-je-werkgever-soms-moet-wantrouwen>

INT.738

Engineers harness stomach acid to power tiny sensors

Anne Trafton, MIT News Office 6 februari 2017

<http://news.mit.edu/2017/engineers-harness-stomach-acid-power-tiny-sensors-0206>

INT.739

Urine-powered battery offers cheap energy source

Michael Franco, in: New Atlas, 18 april 2016

<http://newatlas.com/urine-battery/42866>

INT.740

Charging cell phones in sub-Saharan Africa with foot power

Shoshana Kordova, in: GeekTime 14 januari 2015

<http://www.geektime.com/2015/01/14/charging-cell-phones-in-sub-saharan-africa-with-foot-power>

INT.741

Scientists Harness Human Power for Electricity

Umair Irfan, in: Scientific American, 26 juni 2012

<https://www.scientificamerican.com/article/scientists-harness-human-power-electricity/>

INT.742

The easiest way to improve your posture

<http://www.lumobodytech.com>

INT.743

Specs make memories, from your perspective

<https://www.spectacles.com/>

INT.744

Bicycle lighting

https://en.wikipedia.org/wiki/Bicycle_lighting

INT.745

Elektronica-shop

<http://www.elektronica-shop.nl/contents/nl/d790.html>

INT.746

Indian scientists' DNA device generates power from touch

The Economic Times, 16 augustus 2015

<http://economictimes.indiatimes.com/news/science/indian-scientists-dna-device-generates-power-from-touch/articleshow/48500875.cms>

INT.747

This Spit-Powered Biobattery Is Made From a Single Sheet of Paper

Nathan Hurst, in: Smithsonian.com, 30 januari 2017

<http://www.smithsonianmag.com/innovation/spit-powered-biobattery-made-single-sheet-paper-180961973/>

INT.748

Radarkastje moet blinden helpen

In: De Ingenieur, 8 maart 2017

<https://www.deingenieur.nl/artikel/radarkastje-moet-blanden-helpen>

INT.749

These Smart Glasses Automatically Adjust to Your Eyes

Alyssa Pagano, in: IEEE Spectrum 25 februari 2017

<http://spectrum.ieee.org/video/semiconductors/devices/these-smart-glasses-automatically-adjust-to-your-eyes>

INT.750

Introducing the Little Black Graphene Dress

Persbericht National Graphene Institute, 25 januari 2017

<http://www.graphene.manchester.ac.uk/latest/?archive=twelvemonths&id=17814>

INT.751

It's in the blood

Harriet Brewerton, in: Chemistry World 8 augustus 2016

<https://www.chemistryworld.com/news/its-in-the-blood/1003905.article>

INT.752

Smart motorcycle helmet comes with speakers and rearview camera

Rachel Kaser, in: The Next Web 14 maart 2017

https://thenextweb.com/gadgets/2017/03/14/smart-motorcycle-helmet-comes-speakers-rearview-camera/#.tnw_93cOMuAj#.tnw_16Gy8bJ0

INT.753

Gadget-Powering Luggage

Josh Mears, in: Trendhunter, 25 januari 2012

<http://www.trendhunter.com/trends/rolling-suitcase-charger>

INT.754

SolePower Launches Self-Powered SmartBoots

Persbericht 6 februari 2017

<http://www.solepowertech.com/pr-smartboots>

INT.755

Review: AYO, een wearable voor lichttherapie

Martijn Chel, in: Wearables Magazine, 25 maart 2017

<https://www.wearablesmagazine.nl/2017/03/review-ayo-een-wearable-voor-lichttherapie>

INT.756

SolePower Partners with SR Max Slip Resistant Footwear Leader to Develop Self-Charging SmartBoots

Persbericht 4 april 2017

<http://www.solepowertech.com/srmax-partnership>

INT.757

Holst Centre demonstrates a smart shirt monitoring key vital signs for medical and fitness applications

Persbericht 29 March 2017

<https://www.holstcentre.com/news---press/2016/vital-sign-shirt>

INT.758

Review BlackEye Helmcamera

Cijs Loning, in: Op Pad, 1 januari 2008

<http://www.oppad.nl/?uitrusting=blackeye-helmcamera>

INT.759

Kyocera uitleg over piëzo-elektrische aansteker

<http://global.kyocera.com/fcworld/charact/elect/piezo.html>

INT.760

Magic Leap bril is mogelijk net zo groot als een zonnebril

Wesley Akkerman, in: Wearables Magazine, 14 april 2017

<https://www.wearablesmagazine.nl/2017/04/magic-leap-bril-is-mogelijk-net-zo-groot-als-zonnebril>

INT.761

Geheim team van Apple werkt aan baanbrekende wearable voor diabetici

Eveline Meijer, in: Numrush 13 april 2017

<http://numrush.nl/2017/04/13/apple-diabetes-wearable>

INT.762

Recycling astronaut urine for energy and drinking water

ACS News Service Weekly PressPac: 9 april 2014

<https://www.acs.org/content/acs/en/pressroom/presspacs/2014/acs-presspac-april-9-2014/recycling-astronaut-urine-for-energy-and-drinking-water.html>

INT.763

PowerWrapper

<http://www.paperbatteryco.com/ces-press-kit>

INT.764

‘De mens zal zijn eigen evolutionaire opvolger scheppen’; Filosoof Jos de Mul over technologie, evolutie en de Homo sapiens 3.0

Maarten Muns, in Nemo Kennislink 11 april 2014

<https://www.nemokennislink.nl/publicaties/de-mens-zal-zijn-eigen-evolutionaire-opvolger-scheppen>

INT.765

MEMS based vibration harvesting: Facing the ugly facts

R.J.M. Vullers, e.a.

Uitg.: IEEE 2013

<http://ieeexplore.ieee.org/abstract/document/6626859/>

INT.766

Art of paper-cutting inspires self-charging paper device

American Chemical Society, Public Release: 12 april 2017

https://www.eurekalert.org/pub_releases/2017-04/acs-aop040717.php

INT.767

Magnetic keyboard

Patentnummer US 3740746 A

Gabriel Dureau, Leon Roche en Marcel Villain

<https://www.google.com/patents/US3740746>

INT.768

Slimme sok maakt je wakker door je voet te kietelen

Bart Vuijk, in: Wearables 28 april 2017

www.wearablesmagazine.nl/2017/04/slimme-sok-maakt-wakker-voet-kietelen

INT.769

Biobrandstofcel

Wikipedia [geraadpleegd 1 mei 2017]

<https://nl.wikipedia.org/wiki/Biobrandstofcel>

INT.770

Microbial Fuel Cell

Wikipedia Eng. [geraadpleegd 1 mei 2017]

https://en.wikipedia.org/wiki/Microbial_fuel_cell

INT.771

Elektromechanica

Wikipedia Eng. [geraadpleegd 1 mei 2017]

<https://en.wikipedia.org/wiki/Electromechanics>

INT.772

Bionic hand uses built-in camera to home in on objects

David Szondy, in: New Atlas, 4 mei 2017

<http://newatlas.com/bionic-hand-built-in-camera/49355/>

INT.773

This gorgeous, 3D-printed robotic arm from Japan is changing how prosthetics are perceived

J.T. Quigley, in: Tech in Asia, 24 juni 2015

<https://www.techinasia.com/exiii-hackberry-robotic-prosthetic-arm-startup>

INT.774

This start-up is designing work boots that can charge devices and track a worker's every move

Jeniece Pettitt, in: CNBC.com 9 mei 2017

<http://www.cnbc.com/2017/05/09/solepowers-smart-work-boots-generate-power-with-each-footstep.html?platform=hootsuite>

INT.775

Experimentele Microsoft-wearable helpt vrouw met ziekte van Parkinson

Wesley Akkerman, in: Wearables Magazine 11 mei 2017

<https://www.wearablesmagazine.nl/2017/05/experimentele-microsoft-wearable-helpt-vrouw-ziekte-parkinson/>

INT.776

<http://www.lichtwebshop.nl/lampen-wiki-alle-informatie-over-onze-lampen/wattage-vergelijken>

INT.777

Speldekнопje in het oor voor rumoerige ruimtes

Robert Visscher, in Trouw, 12 november 2016 (via website van Qubi)

https://myqubi.exsilent.com/media/30735/Trouw_12-11-16.pdf

INT.778

Healbe GoBe 2 kan accuraat je calorie-inname meten vanaf de pols

Bart Vuijk, in: Wearables Magazine, 2 juni 2017

<https://www.wearablesmagazine.nl/2017/06/healbe-gobe-kan-accuraat-je-calorie-inname-meten-vanaf-de-pols/>

INT.779

Get Truly Wireless Earbuds with Noise Cancellation for under \$55

In: New Atlas juni 2017

<http://newatlas.com/homespot-airbeans-earbuds/49972>

INT.780

Translate One2One

<https://lingmo.global/products>

INT.781

Oortelefoontje meet wat je eet

De Ingenieur 15 juni 2017

<https://www.deingenieur.nl/artikel/oortelefoontje-meet-wat-je-eet>

INT.782

Wearables tegen stress en depressie

In: Bright.nl 19 juni 2017

<https://www.bright.nl/nieuws/wearables-tegen-stress-en-depressie>

INT.783

Energie uit mensenbloed

Arjen Dijkgraaf, in: C2W 9 augustus 2016

<https://www.c2w.nl/nieuws/energie-uit-mensenbloed/item18186>

INT.784

In vivo self-powered wireless cardiac monitoring

ACS Nano, geciteerd in: Todays Medical Developments, 22 juni 2016

<http://www.todaysmedicaldevelopments.com/article/in-vivo-self-powered-cardiac-monitoring-62216>

INT.785

New Design Improves Performance of Flexible Wearable Electronics

<https://news.ncsu.edu/2017/06/flexible-wearable-electronic-device>

INT.786

Wearable 'E-mosquito' zuigt en analyseert automatisch het bloed van diabetici

Bart Vuijk, in: Wearables Magazine, 26 juni 2017

<https://www.wearablesmagazine.nl/2017/06/wearable-e-mosquito-zuigt-en-analyseert-automatisch-het-bloed-van-diabetici>

INT.787

Low-power temperature sensor could turn wearables into "unawareables"

The Engineer, 5 juli 2017

https://www.theengineer.co.uk/low-power-temperature-sensor-could-turn-wearables-into-unawareable-s/?cmpid=tenews_3626677&adg=9D9EB6D7-7957-4B5A-955A-694D4130BE13

INT.788

Wearables Aren't Dead, They're Just Shifting Focus as the Market Grows 16.9% in the Fourth Quarter, According to IDC

<http://www.idc.com/getdoc.jsp?containerId=prUS42342317>

INT.789

Gotwind dance charger

http://www.gotwind.org/orange_dance_charger.htm

INT.790

CDSI Annual report 2016

http://tima.imag.fr/research/files/gr-16/2016_TIMA_CDSI_annual_report.pdf

INT.791

19-year-old B.C. inventor makes 2017 Forbes 30 Under 30 list

In: CTV News 5 januari 2017

<http://www.ctvnews.ca/sci-tech/19-year-old-b-c-inventor-makes-2017-forbes-30-under-30-list-1.3226569>

INT.792

The wearable technology market is the next mega tech trend – according to several leading research institutes

<https://www.wearable-technologies.com/about/?platform=hootsuite>

INT.793

UC San Diego Researchers Develop Next Generation Of Wearable Medical Devices

Kenny Goldberg, in: KPBS news, 23 maart 2015

<http://www.kpbs.org/news/2015/mar/23/uc-san-diego-researchers-develop-next-generation-w/>

INT.794

Ultrathin device harvests electricity from human motion

Nieuwsbericht Vanderbilt, juli 2017

<https://news.vanderbilt.edu/2017/07/21/device-harvests-electricity-human-motion/>

INT.795

Hoe milieuvriendelijk is de energiefiets?

In: Low Tech Magazine, mei 2011

<http://www.lowtechmagazine.be/2011/05/energiefiets.html>

INT.796

Energy-harvesting bracelet could power wearable electronics

Lisa Zyga, in: Phys Org 25 juli 2017

<https://phys.org/news/2017-07-energy-harvesting-bracelet-power-wearable-electronics.html>

INT.797

A rare and unique opportunity for success

Professor Subash Anand.

<http://www.fibrlec.co.uk/latest-news>

INT.798

A smart watch to help blind people navigate

Rachel Metz, in: MIT Technology Review, 4 augustus 2017

<https://www.technologyreview.com/s/608402/a-smart-watch-to-help-blind-people-navigate>

INT.799

PolarSeal top keeps the cold at bay with two heated zones

Scott Collie, in: New Atlas, 8 augustus 2017

<http://newatlas.com/polarseal-heated-clothes-kickstarter/50825>

INT.800

New battery is activated by your spit

Persbericht 8 augustus 2017

<https://www.binghamton.edu/mpr/news-releases/news-release.html?id=2537>

INT.801

Multi-functional Flexible Aqueous Sodium-Ion Batteries with High Safety

Yonggang Wang, in: Chem, 10 August 2017

<http://www.cell.com/action/showImagesData?pii=S2451-9294%2817%2930217-6>

INT.802

Bendy, non-toxic batteries could improve biological implants

Andrew Masterson, in: Cosmos magazine

<https://cosmosmagazine.com/technology/bendy-non-toxic-batteries-could-improve-biological-implants>

INT.803

Heatable electric fabric could keep soldiers warm and dry

David Szondy, in: New Atlas 22 augustus 2017

<http://newatlas.com/electric-fabric-hydrogel/50985>

INT.804

Worldwide wearable device sales to grow 17% in 2017

<http://electroiq.com/blog/2017/08/worldwide-wearable-device-sales-to-grow-17-in-2017/>

INT.805

Piezoelectric generator creates power from shoes

Jude Garvey, in: New Atlas 29 april 2010

<http://newatlas.com/piezoelectric-generator-shoes/14945/>

INT.806

Piezoelectric energy harvesting

Allison Bowles, Tahzib Safwat in: Specialty Fabrics Review 1 april 2017

<http://specialtyfabricsreview.com/2017/04/01/piezoelectric-energy-harvesting>

INT.807

Self powered "smart keyboard" identifies users through keystrokes

Dario Borghino, in: New Atlas 1 februari 2015

<http://newatlas.com/biometric-self-powered-smart-keyboard/35862>

INT.808

Gemiddeld vraagt een laptop maar 75 watt

Mobil Energy

<https://www.mobilenergy.nl/Weblog/Laptop-omvormer-vermogen>

INT.809

Nanogenerators could turn our veins into blood flow power plants

Rich Haridy, in: New Atlas 11 september 2017

<http://newatlas.com/nanogenerator-blood-flow-electricity/51280/>

INT.810

Energy harvesting from organic liquids in micro-sized microbial fuel cells

Muhammad M Hussain, e. a. in: NPG Asia Materials 7 maart 2014

<http://www.nature.com/am/journal/v6/n3/full/am20141a.html>

INT.811

4 Ways Fuel Cells Power Up the U.S. Military

DOA, 13 september 2017

https://energy.gov/eere/articles/4-ways-fuel-cells-power-us-military?utm_source=EERE+Weekly+Digest+of+Clean+Energy+News&utm_campaign=f048cbec65-EMAIL_CAMPAIGN_2017_09_25&utm_medium=email&utm_term=0_96dffafa2f-f048cbec65-34686225

INT.812

Body energy as a power source

Karlsruhe Institute of Technology, 2 oktober 2017

https://www.kit.edu/kit/english/pi_2017_115_body-energy-as-a-power-source.php

INT.813

Carbon Nanotube Thread Could Generate Electricity From The Bloodstream

Prachi Patel, in: IEEE spectrum, 22 september 2017

<https://spectrum.ieee.org/the-human-os/biomedical/devices/carbon-nanotube-yarns-could-generate-electricity-from-the-bloodstream>

INT.814

Elektriciteit maken uit afvalwater

<http://www.wur.nl/nl/show/Elektriciteit-maken-uit-afvalwater.htm>

INT.815

Not your usual 19-year-old. Ann Makosinski, inventor of the Hollow Flashlight and the eDrink, will speak to Sault youth at local entrepreneur summit

SooToday 21 september 2017

<https://www.sootoday.com/local-news/not-your-usual-19-year-old-722963>

INT.816

LUMEN is a Scam!

<http://kicks scammed.com/project/lumen-is-a-scam/#.WeoEc3ZpGUI>

INT.817

Thermoelectric generator on glass fabric for wearable electronic devices

Persbericht KAIST 21 april 2014

http://www.kaist.ac.kr/_prog/_board/?code=ed_news&mode=V&no=17562&upr_ntt_no=17562&site_dvs_cd=en&menu_dvs_cd=0601

INT.818

Flexible and biocompatible polypropylene ferroelectret nanogenerator (FENG): On the path toward wearable devices powered by human motion

Nelson Sepúlveda, e.a., in: Nano Energy december 2016

<https://doi.org/10.1016/j.nanoen.2016.10.007>

INT.819

New approach captures the energy of slow motion

By Walt Mills, Penn State University 21 december 2016

<http://news.psu.edu/story/443072/2016/12/21/research/new-approach-captures-energy-slow-motion>

INT.820

'Elektrische' eco-tandenborstel hoeft je nooit op te laden

Bright, 29 oktober 2017

<https://www.bright.nl/nieuws/elektrische-eco-tandenborstel-hoeft-je-nooit-op-te-laden>

<https://www.kickstarter.com/projects/goodwell/be-the-first-battery-free-powered-toothbrush>

INT.821

The effect of electrowetting

<https://www.youtube.com/watch?v=m-VevTXQmCE>

INT.822

Power walk: Footsteps could charge mobile electronics

In: Science Daily, 11 February 2016

<https://www.sciencedaily.com/releases/2016/02/160211090238.htm>

INT.823

Der erste Taschenrechner wog 1,5 Kilo

Konrad Lischka, in: Der Spiegel 27 september 2007

<http://www.spiegel.de/netzwelt/web/40-jahre-elektro-addierer-der-erste-taschenrechner-wog-1-5-kilo-a-508205.html>

INT.824

Samsung patenteert slimme kleding technologie

<https://nl.letsgodigital.org/technologie/samsung-slimme-kleding/>

INT.825

Harnessing the power of the electric eel

Université de Fribourg, 10 december 2017

<http://www.alphagalileo.org/ViewItem.aspx?ItemId=181803&CultureCode=en>

INT.826

Rekbaar textiel levert elektriciteit

De Ingenieur 13 december 2017

<https://www.deingenieur.nl/artikel/rekbaar-textiel-levert-elektriciteit>

INT.827

Supercondensator op papierbasis voor 'wearable' elektronica

Engineersonline 19 december 2017

<http://www.engineersonline.nl/artikelen/id1434-supercondensator-op-papierbasis-voor-wearable-elektronica.html>