

A simple and inexpensive instrument to record occasional voltage peaks through a long period : (operating principle, utilization, parameters)

Janson, Kuno; Järvik, Jaan VII Sympozjum na temat Przepiecia w urzadzeniach elektrycznych i elektronicznych, Holny Mejera 16-19 pazdziernika 1996 r 1996 / s. 43-45: ill

AC-DC converter with parametric reactive power compensation

Janson, Kuno; Järvik, Jaan Special Edition of IEEE Transactions on Industrial Electronics on High Power Factor Rectifiers 1997 / [18] p <https://ieeexplore.ieee.org/document/767062>

AC-DC converter with parametric reactive power compensation

Janson, Kuno; Järvik, Jaan IEEE transactions on industrial electronics 1999 / June, p. 554-562: ill

Analyses of supply voltage quality, power consumption and losses affected by shunt capacitors for power factor correction

Vinnal, Toomas; Janson, Kuno; Kalda, Heljut; Kütt, Lauri PQ2010 : 7th International Conference "2010 Electric Power Quality and Supply Reliability" : June 16-18, 2010, Kuressaare, Estonia 2010 / p. 53-60 : ill

Analysis of off-grid power supply for sparsely populated areas

Vaimann, Toomas; Janson, Kuno; Bolgov, Viktor; Kallaste, Ants 14th International Scientific Conference Electric Power Engineering 2013 : EPE 2013 : [proceedings] 2013 / p. 175-179 : ill

Analysis of power consumption and losses in relation to supply voltage quality [Electronic resource]

Vinnal, Toomas; Janson, Kuno; Kalda, Heljut EPE 2009 : 13th European Conference on Power Electronics and Applications : 8-10 September 2009, Barcelona, Spain 2009 / [9] p. : ill. [CD-ROM] <https://ieeexplore.ieee.org/document/5278764>

Application of self-adjusting features of resonant converters

Janson, Kuno; Järvik, Jaan; Vinnal, Toomas 9th European Conference on Power Electronics and Applications : 27-29 August 2001, Graz, Austria 2001 / p. L6a-1 : ill

Application of self-adjusting features of resonant converters [Electronic resource]

Janson, Kuno; Järvik, Jaan; Vinnal, Toomas EPE 2001 : 9th European Conference on Power Electronics and Applications : 27-29 August 2001, Graz 2001 / [9] p.: ill. [CD-ROM]

Case studies related to power quality problems caused by high-power electrical arc furnaces

Järvik, Jaan; Janson, Kuno; Dan, A. M.; Czira, Zs.; Schau, H.; Stade, D. Proceedings of the ICHQP : 7th International Conference on Harmonics and Quality of Power : October 16-18, 1996, Las Vegas, Nevada, USA 1996 / p. 327-333

Charging of high power pulse capacitors from resonant converter of alternating parallel and series resonance

Janson, Kuno; Järvik, Jaan; Vinnal, Toomas Elektroenergetika 2000 : mezinarodni vedecka konference : sbornik prednašek 2000 / p. 93-97 : ill

Circuit diagrams of AC-DC line-frequency resonant converters with alternation of parallel and series resonant mode

Janson, Kuno; Järvik, Jaan; Vinnal, Toomas 5th International Conference : Electrical Power Quality and Utilisation : September 15-17, 1999, Cracow, Poland : EPQU'99 : proceedings 1999 / p. 479-484 : ill

Commutation processes in the diode bridge of resonant converter with alternating parallel and series resonance

Janson, Kuno; Järvik, Jaan; Vinnal, Toomas The 7th Biennial Conference on Electronics and Microsystem Technology "Baltic Electronics Conference" : BEC 2000 : October 8 - 11, 2000, Tallinn, Estonia : conference proceedings 2000 / p. 205-208 : ill

Components selection of local power supply system for sparsely populated areas

Kallaste, Ants; Vaimann, Toomas; Janson, Kuno; Bolgov, Viktor 14th International Scientific Conference Electric Power Engineering 2013 : EPE 2013 : [proceedings] 2013 / p. 181-186 : ill

Controlled power supply with parametric reactive power compensation and parametric short-circuit current restriction for DC arc furnaces (power supply "ESTA")

Janson, Kuno; Järvik, Jaan International Conference Quality of Power and Standardization, June 4...7, 1996, Lohusalu, Estonia 1996 / p. 30-47: ill

DC current source mode in converter with alternating of parallel and series resonance [Electronic resource]

Janson, Kuno; Järvik, Jaan; Sepping, Eino EPE 2003 : 10th European Conference on Power Electronics and Applications : 2-4 September 2003, Toulouse, France 2003 / p. 1-7 : ill. [CD-ROM]

Demagnetization in permanent magnet slotless generator using Halbach array

Kallaste, Ants; Kilk, Aleksander; Belahcen, Anouar; Vaimann, Toomas; Janson, Kuno Proceedings of the 13th International Scientific Conference Electric Power Engineering 2012 : EPE 2012 : Brno. Vol. 2 2012 / p. 1053-1057 : ill

Determination of leakage inductances of three-winding transformer for HF-PSA resonant circuit

Šklovski, Jevgeni; Janson, Kuno; Niilo, Helar 11th International Symposium "Topical Problems in the Field of Electrical and Power Engineering." Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 16-21, 2012 2012 / p. 113-116 : ill

Determination of reactive components parameters for converter with alternating of parallel and series resonance

Janson, Kuno; Järvik, Jaan; Vinnal, Toomas PEDC 2001 : Power Electronics Devices Compatibility : 2nd Conference : 3-5 September 2001, Zielona Gora, Poland 2001 / p. 88-96 : ill

Development and verification of the resonant converter with parametrical alternation of resonant tank topology for constant-power manual arc welding

Šklovski, Jevgeni; Janson, Kuno; Niilo, Helar Proceedings of the 13th International Scientific Conference Electric Power Engineering 2012 : EPE 2012 : Brno. Vol. 2 2012 / p. 1071-1076 : ill

Development of constant-power source for arc welding

Šklovski, Jevgeni; Janson, Kuno BEC 2012 : 2012 13th Biennial Baltic Electronics Conference : proceedings of the 13th Biennial Baltic Electronics Conference : October 3-5, 2012, Tallinn, Estonia 2012 / p. 255-258 : ill

Economical feasibility of off-grid hybrid power supply for Estonian remote areas. Part 2 : determination of breakeven grid extension distances

Bolgov, Viktor; Janson, Kuno PQ2016 : the 10th International Conference 2016 Electric Power Quality and Supply Reliability Conference (PQ) : August 29-31, 2016, Tallinn, Estonia : proceedings 2016 / p. 187-192 : ill <https://doi.org/10.1109/PQ.2016.7724111>

Eesti ettevõtete elektritarbimise uurimine ja soovitude väljatöötamine tarbimise optimeerimiseks = Study of electric power consumption in Estonian companies and recommendations for optimization of consumption

Vinnal, Toomas 2011

Ei saa lubada, et tehnika teeks inimesest uuesti ahvi

Janson, Kuno Postimees 2021 / Lk. 14-15 : ill <https://dea.digar.ee/article/postimees/2021/05/10/15.2>

Elektrimasinate alused

Janson, Kuno; Kallaste, Ants 2017 http://www.ester.ee/record=b4694078*est <https://digikogu.taltech.ee/et/Item/eb44ad2b-8758-41cd-9483-f8fdb1d40a1c>

EMC education and related problems at Tallinn Technical University [Electronic resource]

Järvik, Jaan; Janson, Kuno; Bolgov, Viktor; Kroos, Peep Proceedings of 5th International Conference 2007 : Compatibility in Power Electronics : 29 May - 1 June 2007, Gdynia, Poland 2007 / [3] p. [CD-ROM] <https://ieeexplore.ieee.org/document/4296547>

Energeetika - otsapidi üksnes taastuenergia küljes

Janson, Kuno; Kallaste, Ants; Bolgov, Viktor Horisont 2013 / lk. 30-36 : ill https://artiklid.elnet.ee/record=b2606466*est

Energeetika otsapidi tuule küljes

Janson, Kuno; Kallaste, Ants Horisont 2012 / lk. 8-14 : ill https://artiklid.elnet.ee/record=b2545789*est

Flickerreduktion und Blindleistungskompensation bei Lichtbogenöfen - TCR, vorgeschaltete gesteuerte Drosselspule, regelbarer Thyristorgleichrichter und PKB-Stromrichter

Janson, Kuno; Järvik, Jaan 4. Internationaler Workshop Oberschwingungen und Flicker, 22.-24. März 1995 / Veranstalter: Institut für Elektrische Anlagen, Technische Universität Graz, Austria 1995 / Bl. [163-166]: Ill

Fundamentals of electrical machines

Kallaste, Ants; Vaimann, Toomas; Rassõlkin, Anton; Janson, Kuno 2026 https://www.routledge.com/Fundamentals-of-Electrical-Machines/Kallaste-Vaimann-Rassolkin-Janson/p/book/9781032518206?srsId=AfmBOoopOWsvE7PCg4afDRJAsSt-7MPjB1tipnsK8Yhta6i_tqjPvPr

High power factor AC-DC line-frequency resonant converter for deeply varying loads

Janson, Kuno; Järvik, Jaan; Vinnal, Toomas 5 Congresso Brasileiro de Eletronica de Potencia = The 5th Brazilian Power Electronics Conference : COBEP99 : Foz do Iguagu, Parana, Brasil, 19 a 23 de setembro de 1999. Vol. 1 1999 / p. 423-428

High power factor converter for normalizing flicker of arc furnaces

Janson, Kuno; Järvik, Jaan Power Quality '98 : [International Conference, June 18-20, 1998] : Hyderabad, India / The Institute of Electrical and Electronics Engineers, Inc 1998 / p. 111-116: ill <https://ieeexplore.ieee.org/document/710363>

High power factor rectifiers for DC arc furnaces

Janson, Kuno; Järvik, Jaan; Sarv, Vello Технічна електродинаміка 2000 / 9, с. 115-119 : ill

Higher harmonics in AC-DC line-frequency resonant converter for deeply varying loads

Janson, Kuno; Järvik, Jaan; Vinnal, Toomas Electric Power Quality and Supply Reliability : June 9-12, 1999, Sagadi, Estonia : conference proceedings 1999 / p. 96-101: ill

Higher harmonics in load-adapting mains Frequency resonant converter

Janson, Kuno; Järvik, Jaan; Vinnal, Toomas 8th International Conference on Harmonics and Quality of Power, October 14-16, 1998, Athens, Greece : proceedings. Vol. 2 1998 / p. 859-864: ill <https://ieeexplore.ieee.org/document/760155>

High voltage pulse transformer for IOT modulators

Jalakas, Tanel; Janson, Kuno; Mölder, Heigo; Roasto, Indrek IET electric power applications 2020 / p. 2348-2354
<https://doi.org/10.1049/iet-epa.2019.0877> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Improvement of voltage transformers overvoltage problems in MV networks

Janson, Kuno; Järvik, Jaan; Kütt, Lauri; Soosalu, Ain 6th International Conference "2008 Power Quality and Supply Reliability" : August 27-29, 2008 : Pärnu, Estonia : conference proceedings 2008 / p. 247-250 : ill

Indirect power factor correction method and corresponding sensorless switch-mode resonant AC/DC converter [Electronic resource]

Šklovski, Jevgeni; Janson, Kuno IECON'2006 : the 32nd Annual Conference of the IEEE Industrial Electronics Society : November 6-10, 2006, Paris : proceedings 2006 / p. 2378-2383 : ill. [CD-ROM] <https://ieeexplore.ieee.org/document/4153375>

Installed capacities of reactive components and transformer in line frequency resonant converters

Janson, Kuno; Järvik, Jaan; Vinnal, Toomas EPQU'01 : Electrical Power Quality and Utilisation : 6th International Conference : September 19-21, 2001, Cracow, Poland : proceedings 2001 / p. 445-449 : ill

Inverter mode in converter with alternating of parallel and series resonance

Janson, Kuno; Järvik, Jaan; Šklovski, Jevgeni; Vinnal, Toomas EPE-PEMC 2004 : 11th International Power Electronics and Motion Control Conference : 2-4 September 2004, Riga, Latvia : proceedings. Vol. 1 of 7, Power electronic converters and control 2004 / p. 1-227 - 1-232 : ill

Jätkusuutlik Eesti

Janson, Kuno; Järvik, Jaan Elektriala 2014 / lk. 8-10 : fot

Kuno Janson: ei saa lubada, et tehnika teeks inimesest uuesti ahvi [Võrguväljaanne]

Janson, Kuno postimees.ee 2021 ["Kuno Janson: ei saa lubada, et tehnika teeks inimesest uuesti ahvi"](#)

Kuno Janson: iganenud seadus jättis riigikohtu hätta. Viimane aeg muuta e-valimised nähtavalt usaldusväärseks

Janson, Kuno epl.delfi.ee 2023 [Kuno Janson: iganenud seadus jättis riigikohtu hätta. Viimane aeg muuta e-valimised nähtavalt usaldusväärseks](#)

LC circuit with alternating parallel and series resonance in switch-mode converters

Janson, Kuno; Järvik, Jaan; Šklovski, Jevgeni The 3rd International Conference Electric Power Quality and Supply Reliability, September 4...6, 2002, Haapsalu, Estonia : proceedings 2002 / p. 91-94 : ill

LC circuit with parallel and series resonance alternation in switch-mode converters = Paralleel- ja järjestikresonantsi vaheldumisega LC ahel lülitussageduslikes muundurites

Šklovski, Jevgeni 2007 https://www.ester.ee/record=b2238343*est

Liberalism ja suliusk

Janson, Kuno Sirp 2011 / lk. 3 <https://www.sirp.ee/s1-artiklid/c9-sotsiaalia/liberalism-ja-suliusk/>

Load adapting mains frequency resonant converters for supplying electrical arc - a new way in power electronics

Janson, Kuno; Järvik, Jaan PESC '98 : Record of the 29th Annual IEEE Power Electronics Specialists Conference, Fukuoka, Japan, May 17-22, 1998. Vol. 2 1998 / p. 2090-2096: ill <https://ieeexplore.ieee.org/document/703468>

Load adapting resonant converter as a transformer with smoothly variable ratio

Janson, Kuno; Järvik, Jaan; Vinnal, Toomas 43. Internationales Wissenschaftliches Kolloquium, 21.-24.09.1998. Band 4, Elektroenergiesysteme und elektrische Geräte, Diagnostik, Hochspannungstechnik und elektrische Isoliertechnik, Energiewandlung : Vortragsreihen 1998 / S. 657-662: ill

Load adapting resonant converter for supplying deeply varying load

Janson, Kuno; Järvik, Jaan; Vinnal, Toomas BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 227-230: ill

Load-resonant converter with changing resonant tank topology for welding applications

Šklovski, Jevgeni; Janson, Kuno; Kallaste, Ants USB proceedings : IECON 2012 - 38th Annual Conference on IEEE Industrial Electronics Society, Montreal, Canada, 25-28 October, 2012 2012 / p. 517-523 : ill <https://ieeexplore.ieee.org/document/6388771>

Lootust on - vanker ei ole päris kraavis : Eesti hariduse ja teaduse arenduskontseptsiooni täiustamise võimalikkusest
Janson, Kuno; Järvik, Jaan Tallinna Ülikoolid 2000 / 1, lk. 14-23 : ill https://artiklid.elnet.ee/record=b1003528*est

Low speed permanent magnet slotless generator development and implementation for windmills = Aeglasekäigulise uurdevaba püsomagnetgeneraatori väljatöötamine ja rakendamine tuulikutes
Kallaste, Ants 2013 https://www.ester.ee/record=b3000886*est

Meie demokraatia on kaduma läinud

Janson, Kuno postimees.ee 2023 [Meie demokraatia on kaduma läinud](#)

Method for line current shape forming in ac-dc power supplies

Janson, Kuno; Järvik, Jaan; Šklovski, Jevgeni 5th International Conference : Electric Power Quality and Supply Reliability : August 23-26, 2006, Viimsi, Estonia : conference proceedings 2006 / p. 27-34 : ill

A method for mixing molten metal and a compatible electric arc furnace

Mölder, Heigo; Järvik, Jaan; Janson, Kuno; Gordon, Rauno; Vaimann, Toomas Estonian journal of engineering 2011 / p. 220-240 : ill

Microgrids performance challenges

Kazakov, Aleksei; Janson, Kuno; Vaimann, Toomas 11th International Symposium "Topical Problems in the Field of Electrical and Power Engineering." Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 16-21, 2012 2012 / p. 42-46 : ill

Miks on matemaatika raske? [Võrguväljaanne]

Janson, Kuno opleht.ee 2022 / Lk. 5 "Miks on matemaatika raske?" <https://dea.digar.ee/article/opetajateleht/2022/01/28/7.5>

Minu direktori-aastad

Janson, Kuno Tallinna Tehnikaülikooli aastaraamat 2012 2013 / lk. 213-215

Minu eest ei tohi varjata, kellele mu e-hää! läks!

Janson, Kuno postimees.ee 2023 [Minu eest ei tohi varjata, kellele mu e-hää! läks!](#)

Natural mode constant power source for manual arc welding

Šklovski, Jevgeni; Janson, Kuno; Sakkos, Tiiu Elektronika ir elektrotehnika = Electronics and electrical engineering 2012 / p. 31-34 : ill <https://eejournal.ktu.lt/index.php/elt/article/view/2801>

Network friendly converters for steeply and deeply varying load (power supply ESTA)

Janson, Kuno; Järvik, Jaan EPQU'97 : 4th International Conference Electrical Power Quality and Utilisation, September 23-25, 1997, Cracow, Poland : proceedings 1997 / p. 443-448: ill

Network friendly converters with self-adjustment to load

Janson, Kuno; Järvik, Jaan Elektronika'97 : konferencijos pranešimu medžiaga = Electronics'97 : materials of conference report. 1 knygą 1997 / p. 100-107: ill

New practical approach to input current shaping in AC-DC power converters

Janson, Kuno; Bolgov, Viktor; Kütt, Lauri; Kallaste, Ants; Mölder, Heigo EPE-PEMC 2008 : 2008 13th International Power Electronics and Motion Control Conference : 1-3 September 2008, Poznan, Poland : abstracts 2008 / p. 8
https://www.researchgate.net/publication/241155011_New_Practical_Approach_to_Input_Current_Shaping_in_AC-DC_Power_Converters

New practical approach to input current shaping in AC-DC power converters [Electronic resource]

Janson, Kuno; Bolgov, Viktor; Kütt, Lauri; Kallaste, Ants; Mölder, Heigo EPE-PEMC 2008 : 2008 13th International Power Electronics and Motion Control Conference : 1-3 September 2008, Poznan, Poland : proceedings 2008 / p. 154-158 : ill. [CD-ROM]
https://www.researchgate.net/publication/241155011_New_Practical_Approach_to_Input_Current_Shaping_in_AC-DC_Power_Converters

New theoretical approach to input current shaping in ac-dc power converters [Electronic resource]

Janson, Kuno; Bolgov, Viktor; Vinnal, Toomas; Järvik, Jaan Proceedings of 5th International Conference 2007 : Compatibility in Power Electronics : 29 May - 1 June 2007, Gdynia, Poland 2007 / [8] p. : ill. [CD-ROM] <https://ieeexplore.ieee.org/document/4296517>

New trends in the development of power supplies for arc furnaces

Janson, Kuno; Järvik, Jaan; Vinnal, Toomas PEDC'99 : International Workshop on Power Electronics Equipment for Power Quality Improvement : Slubice, 1999 1999 / p. 26-37

Novel power factor correction method and topology for AC/DC converters

Janson, Kuno; Järvik, Jaan; Šklovski, Jevgeni 51. IWK : Internationales Wissenschaftliches Kolloquium, 11.-15.09.2006 : proceedings 2006 / p. 349-350 https://www.db-thueringen.de/servlets/MCRFileNodeServlet/dbt_derivate_00018153/IWK_2006_6_2_1.pdf

Operation of PSA converter in inverter mode

Janson, Kuno; Järvik, Jaan; Šklovski, Jevgeni; Vinnal, Toomas The 4th International Conference Electric Power Quality and Supply Reliability : August 29...31, 2004, Pedase, Estonia : proceedings 2004 / p. 81-86 : ill

Paralleel- ja järjestikresonantsi parameetrilise vaheldumisega võrgusageduslik resonantsmuundur ja selle rakendamine

Janson, Kuno 2001 https://www.ester.ee/record=b1465377*est

Passive shaping of line current waveform by converter with alternating of parallel and series resonance in AC-DC switch mode power supplies

Janson, Kuno; Bolgov, Viktor; Kütt, Lauri; Kallaste, Ants; Mölder, Heigo ICECS 2008 : The 15th IEEE International Conference on Electronics, Circuits and Systems : 31st August to 3rd September 2008, Malta : conference guide 2008 / p. 37 <https://ieeexplore.ieee.org/document/4674795>

Passive shaping of line current waveform by converter with alternating of parallel and series resonance in AC-DC switch mode power supplies [Electronic resource]

Janson, Kuno; Bolgov, Viktor; Kütt, Lauri; Kallaste, Ants; Mölder, Heigo ICECS 2008 : The 15th IEEE International Conference on Electronics, Circuits and Systems : August 31 - September 3, 2008, Malta : [proceedings] 2008 / p. 77-80 : ill. [CD-ROM] <https://doi.org/10.1109/ICECS.2008.4674795> <https://ieeexplore.ieee.org/document/4674795>

Patent Number 5375053 (USA) : Controlled power supply : Date of Patent: Dec. 20, 1994

Järvik, Jaan; Janson, Kuno 1994

Patentschrift DE 4200329 C2 (Bundesrepublik Deutschland) : Regelbare Speisestromquelle : Veröffentlichungstag der Patenterteilung 22.12.94

Järvik, Jaan; Janson, Kuno 1994

Power losses in induction motors in relation to supply voltage quality

Vinnal, Toomas; Janson, Kuno; Kalda, Heljut PCIM 2010 Power Electronics, Intelligent Motion, Power Quality : Nuremberg, Germany, 4-6 May 2010 2010 / p. 636-642

Power quality problems in low voltage networks of Estonia

Vinnal, Toomas; Janson, Kuno; Kalda, Heljut; Sakkos, Tiiu CIRED 2013 : 22nd international conference & exhibition on electricity distribution : 10-13 june 2013 Kistamässan, Kista, Stockholm, Sweden : electricity distribution systems for a sustainable future : special reports 2013 / p. 1-4 : ill

Power supply ESTA: a new way to solve the problems of power supply of arc furnaces

Janson, Kuno; Järvik, Jaan VII Sympozjum na temat Przepiecia w urzadzeniach elektrycznych i elektronicznych, Holny Mejera 16-19 pazdziernika 1996 r 1996 / s. 47-62: ill

Reactive power compensation for spot welding machine using thyristor switched capacitor

Kallaste, Ants; Kütt, Lauri; Bolgov, Viktor; Janson, Kuno 6th International Conference "2008 Power Quality and Supply Reliability" : August 27-29, 2008 : Pärnu, Estonia : conference proceedings 2008 / p. 241-245 : ill

Reguleeritav parameetrilise lühisvoolu piiramisega toiteallikas "EVAR"

Järvik, Jaan; Janson, Kuno Sähkõ & tele 1996 / 3, [ajakirja lisa] Seltsi Ajaleht / Eesti Elektroenergeetika Selts

Resonances in LV industrial networks when using shunt capacitors for power factor correction

Vinnal, Toomas; Sakkos, Tiiu; Janson, Kuno; Jarkovoi, Marek 23rd International Conference on Electricity Distribution : Lyon, 15-18 June 2015 2015 / Paper 0135, p. 1-4 : ill

Resonances in LV industrial networks when using shunt capacitors for power factor correction

Vinnal, Toomas; Sakkos, Tiiu; Janson, Kuno; Jarkovoi, Marek 23rd International Conference and Exhibition on Electricity Distribution : Lyon (France), 15-18 June 2015 : special reports 2015 / p. 12/33 : ill

Resonant converter as a transformer for varying the ratio between input and output currents

Janson, Kuno; Järvik, Jaan Proceedings of the Estonian Academy of Sciences. Engineering 1998 / 4, p. 264-285

Self-adjusting resonant converters and application by high power electrical arc furnaces

Janson, Kuno; Järvik, Jaan EPE'97 : 7th European Conference on Power Electronics and Applications, 8-10 September 1997, Trondheim, Norway : proceedings. Vol. 4 1997 / p. 4.327-4.332: ill

Simple and compatible resonant converter for supplying electric arc

Janson, Kuno; Järvik, Jaan; Vinnal, Toomas Power Electronics Conference : PCIM 2002, March 12-15, 2002, Shanghai, China : official proceedings of the international conference 2002 / p. 232-237 : ill

Stiihilise taastuenergia kohandamine inimeste tehiskeskkonna vajadustele

Janson, Kuno; Kallaste, Ants Tallinna Tehnikaülikooli aastaraamat 2012 2013 / lk. 29-39 : ill

Stromrichter mit der parametrischen Blindleistungskompensation und Strombegrenzung (PKB-Stromrichter) - eine billige netzfreundliche Schaltung für die Gleichstrom-Lichtbogenöfen

Janson, Kuno; Järvik, Jaan 4. Internationaler Workshop Oberschwingungen und Flicker, 22.-24. März 1995 / Veranstalter: Institut für Elektrische Anlagen, Technische Universität Graz, Austria 1995 / Bl. [108-118]: Ill

Study methods of AC-DC line-frequency resonant converters with alternation of parallel and series resonant mode

Janson, Kuno; Järvik, Jaan; Vinnal, Toomas 5th International Conference : Electrical Power Quality and Utilisation : September 15-17, 1999, Cracow, Poland : EPQU'99 : proceedings 1999 / p. 475-478 : ill

Study of failures with 10kv and 35kv voltage transformers

Janson, Kuno; Järvik, Jaan; Kalda, Heljut; Šklovski, Jevgeni The 3rd International Conference Electric Power Quality and Supply Reliability, September 4...6, 2002, Haapsalu, Estonia : proceedings 2002 / p. 133-138 : ill

Study of the effects of single phase ground faults to the voltage transformers in the 10 kV medium voltage power networks

Janson, Kuno; Järvik, Jaan; Külm, Evald; Kütt, Lauri; Šklovski, Jevgeni 48. Internationales Wissenschaftliches Kolloquium, 22.-25.09.2003, Technische Universität Ilmenau, Germany 2003 / p. 583-584 : ill

Study of the effects of single phase ground faults to the voltage transformers in the 10 kV medium voltage power networks [Electronic resource]

Janson, Kuno; Järvik, Jaan; Külm, Evald; Kütt, Lauri; Šklovski, Jevgeni 48. Internationales Wissenschaftliches Kolloquium, 22.-25.09.2003, Technische Universität Ilmenau, Germany : proceedings and our portrait 2003 / [10] p. : ill. [CD-ROM]

Study of transformer overvoltages under single-phase earth faults in 6...35 kV networks with insulated neutral point [Electronic resource]

Janson, Kuno; Järvik, Jaan; Kalda, Heljut; Külm, Evald; Šklovski, Jevgeni Electric Power Engineering 2003 : 5th International Scientific Conference : January 28-29, 2003, Beskydy Pension, Visalaje, Czech Republic : held by occasion of 25th Anniversary of Department of Electrical 2003 / [17] p. : ill. [CD-ROM]

Supply voltage level optimisation in low voltage networks using shunt capacitors

Vinnal, Toomas; Janson, Kuno; Kalda, Heljut; Kütt, Lauri Electrical and control technologies : proceedings of the the 7th international conference on electrical and control technologies ECT-2012 2012 / p. 206-211 : ill
https://www.researchgate.net/publication/289478542_Supply_voltage_level_optimisation_in_low_voltage_networks_using_shunt_capacitors

Supply voltage level optimization in industrial low voltage networks

Vinnal, Toomas; Janson, Kuno; Kalda, Heljut; Sakkos, Tiiu PQ2012 : 8th International Conference : 2012 Electric Power Quality and Supply Reliability : June 11-13, 2012, Tartu, Estonia : conference proceedings 2012 / p. 149-154 : ill
<https://ieeexplore.ieee.org/document/6256219>

Supply voltage quality in low voltage industrial networks of Estonia

Vinnal, Toomas; Janson, Kuno; Järvik, Jaan; Kalda, Heljut; Sakkos, Tiiu Estonian journal of engineering 2012 / p. 102-126 : ill

Switch-off behaviour of 6.5 kV IGBT modules in two-level voltage source inverter

Blinov, Andrei; Jalakas, Tanel; Vinnikov, Dmitri; Janson, Kuno Scientific journal of Riga Technical University. Serija 4, Power and electrical engineering 2010 / p. 121-126 : ill https://www.researchgate.net/publication/258448388_Switch-Off_Behaviour_of_65_kV_IGBT_Modules_in_Two-Level_Voltage_Source_Inverter

Teadusraha kaob nagu musta auku

Janson, Kuno Sirp 2011 / lk. 3

Tootmine või publikatsioonid?

Järvik, Jaan; Janson, Kuno Sirp 2014 / lk. 11

Transient analysis of high-voltage half-bridge inverter during freewheeling states

Blinov, Andrei; Jalakas, Tanel; Vinnikov, Dmitri; Janson, Kuno 9th International Symposium "Topical problems in the field of electrical and power engineering". Doctoral school of energy and geotechnology. II : Pärnu, Estonia, June 14-19, 2010 2010 / p. 8-11 : ill

Uninterruptible power supply based on the converter with alternating of parallel and series resonance

Janson, Kuno; Järvik, Jaan; Šklovski, Jevgeni 4th International Workshop CPE 2005 : Compatibility in Power Electronics : Fifth

Uninterruptible power supply based on the converter with alternating of parallel and series resonance [Electronic resource]

Janson, Kuno; Järvik, Jaan; Šklovski, Jevgeni Proceedings of 4th International Workshop CPE 2005 : Compatibility in Power Electronics : Fifth International Research and Educational Colloquium on Electronics : 1-3 June 2005, Gdynia, Poland 2005 / [5] p. : ill. [CD-ROM]

Uus võrgusõbralike muundurite klass alalisvoolu tarbijatele parameetrilise reaktiivvõimsuse kompensatsiooni, lühisvoolu piiramise ja koormusega isekohastuvusega

Janson, Kuno; Järvik, Jaan Eesti teadlaste kongress, 11.-15. augustini 1996. a. Tallinnas : ettekannete kokkuvõtted 1996 / lk. 248: ill https://www.ester.ee/record=b1052731*est

Vergleich der Blindleistungskompensation bei der Speisung der Lichtbogenofen

Janson, Kuno; Järvik, Jaan Mezinárodní vědecká konference. Sekce 22, Elektroenergetika : sborník přednášek / Vysoká škola Bánská - Technická Univerzita Ostrava. Fakulta Elektrotechniky a Informatiky 1995 / S. 58-67: III

Wind power generation impact on Sõrve peninsula network operation in Saaremaa

Bolgov, Viktor; Janson, Kuno; Šklovski, Jevgeni; Palu, Ivo; Laanetu, Margus PQ2012 : 8th International Conference : 2012 Electric Power Quality and Supply Reliability : June 11-13, 2012, Tartu, Estonia : conference proceedings 2012 / p. 175-782 : ill <https://ieeexplore.ieee.org/document/6256223>

Õiglus, sõda ja ühisalateadvus

Janson, Kuno 2016 http://www.ester.ee/record=b4562393*est <https://digikogu.taltech.ee/et/Item/c8279edc-c053-4b14-aaaf-912564daab9d>

Üleminek põlevkivielektrilt tuule- ja päikeseelektrile - kuidas ja millal?

Janson, Kuno; Bolgov, Viktor Elektriala 2013 / lk. 21 ; 2, lk. 18-19 : ill

Ülikool 2016 : [luuletus]

Janson, Kuno Mente et Manu 2017 / lk. 61 http://www.ttu.ee/public/m/mente-et-manu/MM_01_2017/index.html

Анализ схем компенсации реактивной мощности и улучшения качества напряжения в системе электроснабжения машиностроительного завода

Janson, Kuno Исследование электрических машин и электромагнитных устройств специального назначения 1983 / с. 65-74 : ил https://www.ester.ee/record=b1271915*est <https://digikogu.taltech.ee/et/Item/d1676714-579b-4ec9-949f-401ab84c5a70>

Источник питания для дуговой сталеплавильной печи

Janson, Kuno; Järvik, Jaan Проблемы электромагнитной совместимости силовых полупроводниковых преобразователей : тезисы докладов III Всесоюзного научно-технического совещания. Часть 2 1986 https://www.ester.ee/record=b1216668*est

Источник питания ESTA для ДСП постоянного тока

Janson, Kuno; Järvik, Jaan Тезисы докладов I Всесоюзного совещания электроснабжения и электрооборудования дуговых электрических печей. Тбилиси, 16-18 нояб. 1988 1988 / с. 61-63

Оценка колебаний напряжения сети по характеристике реактивной составляющей тока источника питания дуговой нагрузки

Janson, Kuno Исследование электромагнитных и электромагнитных устройств управления и контроля специального назначения 1989 / с. 3-9

Патент N 2032262 на изобретение (Российская Федерация) : Индукционный аппарат "UVAR" со ступенчатым переключением витков обмотки под нагрузкой : зарегистрировано в Государственном реестре изобретений 27 марта 1995 г. RU 2032262 C1

Vinnal, Toomas; Tellinen, Juhan; Janson, Kuno; Järvik, Jaan 1995

Патент N 2033682 на изобретение (Российская Федерация) : Преобразователь переменного напряжения в переменное со ступенчатым регулированием : зарегистрировано в Государственном реестре изобретений 20 апреля 1995 г. RU 2033682 C1

Vinnal, Toomas; Janson, Kuno; Järvik, Jaan 1995

Применение преобразователя с параметрическим чередованием параллельного и последовательного резонанса для питания дуговых сталеплавильных печей

Janson, Kuno; Järvik, Jaan; Bolgov, Viktor Электрика 2002 / с. 13-18 : ил

Применение резонансного преобразователя с параметрическим чередованием параллельного и последовательного резонанса (ЧППР) для питания дуговых сталеплавильных печей

Janson, Kuno; Järvik, Jaan; Bolgov, Viktor Энергосбережение. Электроснабжению Автоматизация : материалы международной научно-технической конференции" : 22-23 ноября 2001 года, Гомель 2001 / с. 49-51 : ил

Резонансный преобразователь с параметрическим чередованием параллельного и последовательного резонанса и его переходные режимы

Janson, Kuno; Järvik, Jaan; Bolgov, Viktor 4th International Scientific Conference Efficiency and Power Quality of Electrical Supply of Industrial Enterprises : May 24-26, 2000, Mariupol, Ukraine : proceedings 2000 / с. 43-48 : ил

Сравнение компенсаторов реактивной мощности и путей улучшения качества напряжения в сетях с дугowymi сталеплавильными печами

Janson, Kuno; Järvik, Jaan Проблемы электромагнитной совместимости силовых полупроводниковых преобразователей : тезисы докладов второго межведомственного научно-технического совещания 1982 / с. 125-126
https://www.ester.ee/record=b1309144*est

Сравнение отдельно стоящих и встроенных в источник питания компенсаторов реактивной составляющей тока дуговой сталеплавильной печи

Janson, Kuno Исследование электромагнитных и электромагнитных устройств управления и контроля специального назначения 1984 / с. 3-13 : ил https://www.ester.ee/record=b1345240*est <https://digikogu.taltech.ee/et/Item/30926580-78ec-453b-bfd1-7ce9f7dfa442>

Сравнение путей и методов компенсации реактивной мощности и улучшения качества напряжения в сетях с дугowymi сталеплавильными печами

Janson, Kuno; Järvik, Jaan Interference v energetice : sborník přednášek [z konference poř.] ČÚV elektrotechn. společ. ČSVTS... [aj.] 31. 8.-2. 9. 1982 v Ostravě 1982 / s. 201-208

Улучшение электромагнитной совместимости дуговой сталеплавильной печи путем применения скомпенсированного токоограничивающего выпрямителя

Järvik, Jaan; Janson, Kuno Проблемы преобразовательной техники : тезисы докладов III всесоюзной научно-технической конференции, Киев, октябрь 1983 г. Ч. 1 1983 / с. 29-32 https://www.ester.ee/record=b2369116*est

Электромеханика

Vörk, Rein; Janson, Kuno; Tellinen, Juhan; Reiner, Ardi; Järvik, Jaan; Pool, Ain-Matt; Vladislavlev, Mihhail; Veiler, Helmuth; Kõiv, Ants-Kaspar; Mežburd, Volf; Lehtla, Tõnu; Sakkos, Heinar; Kulmar, Lembit 1989 https://www.ester.ee/record=b1275616*est