

A new high power factor single-phase diode rectifier with optimum ripple-power conversion

Sakkos, Tiiu; Sarv, Vello BEC 2006 : 2006 International Baltic Electronics Conference : Tallinn University of Technology, October 2-4, 2006, Tallinn, Estonia : proceedings of the 10th Biennial Baltic Electronics Conference 2006 / p. 229-232 : ill

A new high power factor three-phase diode rectifier using zero-sequence inductance in the third-harmonic filter

Sakkos, Tiiu; Sarv, Vello The 4th International Conference Electric Power Quality and Supply Reliability : August 29...31, 2004, Pedase, Estonia : proceedings 2004 / p. 67-70 : ill

A new low-distorting single-phase diode rectifier employing optimum ripple-power conversion

Sakkos, Tiiu; Sarv, Vello 5th International Conference : Electric Power Quality and Supply Reliability : August 23-26, 2006, Viimsi, Estonia : conference proceedings 2006 / p. 23-26 : ill

A new low-distorting three-phase diode rectifier employing optimum ripple power control

Sakkos, Tiiu; Sarv, Vello 4th International Workshop CPE 2005 : Compatibility in Power Electronics : Fifth International Research and Educational Colloquium on Electronics : 1-3 June 2005, Gdynia, Poland 2005 / p. 94-96 : ill

https://www.researchgate.net/publication/4196868_A_new_low-distorting_three-phase_diode_rectifier_employing_optimum_ripple_power_control

A unity-power factor three-phase diode elements

Sakkos, Tiiu; Sarv, Vello PEDC'99 : International Workshop on Power Electronics Equipment for Power Quality Improvement : Slubice, 1999 1999 / p. 72-85

Active power factor correction of diode rectifiers using output filters with diode-switched and harmonic-resonant stages [Electronic resource]

Sakkos, Tiiu; Sarv, Vello 8th European Conference on Power Electronics and Applications : EPE'99 : 7-9 September, EPFL Lausanne, Switzerland 1999 / [10] p. : ill [CD-ROM]

An efficient switched-inductor filter for single-phase diode rectifiers

Sakkos, Tiiu; Sarv, Vello Baltic electrical engineering review 1998 / 1, p. 25-29: ill

An improved high power factor three-phase diode rectifier employing zero-sequence inductance and ripple power re-rectification

Sakkos, Tiiu; Sarv, Vello; Bolgov, Viktor 3rd International Workshop Compatibility in Power Electronics : CPE 2003 : 28-30 May 2003, Gdansk - Zielona Gora, Poland 2003 / p. 124-126 : ill

An improved high power factor three-phase diode rectifier employing zero-sequence inductance and ripple power re-rectification [Electronic resource]

Sakkos, Tiiu; Sarv, Vello; Bolgov, Viktor 3rd International Workshop Compatibility in Power Electronics : CPE 2003 : 28-30 May 2003, Gdansk - Zielona Gora, Poland 2003 / p. 187-190 : ill. [CD-ROM]

Die rechnergestützte Berechnung von Steuerungscharakteristiken der elektrischen Antriebe auf der Basis von Induktionsmotoren bei deren Speisung durch Thyristorspannungsregler

Laugis, Juhan; Sakkos, Heinar; Sakkos, Tiiu 10. Internationale Fachtagung Industrielle Automatisierung - Automatisierte Antriebe : 14. Februar bis 16. Februar 1989 in Karl-Marx-Stadt 1989 / S. 348-351

Efficient harmonic distortion reduction in diode-bridge rectifiers using parallel re-rectification of the ripple power

Sakkos, Tiiu; Sarv, Vello; Soojärvi, Jüri 5th International Conference : Electrical Power Quality and Utilisation : September 15-17, 1999, Cracow, Poland : EPQU'99 : proceedings 1999 / p. 383-390: ill

Efficient two-stage active filters for power factor correction of diode rectifiers

Sakkos, Tiiu; Sarv, Vello PEMC'98 : 8th International Power Electronics & Motion Control Conference : Prague, Czech Republic, 8-10 September, 1998 : proceedings 1998 / p. 7-1 - 7-6: ill

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>

Elektromagnetiline ühilduvus

Järvik, Jaan; Jakovlev, Valeri I.; Korovkin, Nikolai V.; Vinogradov, Jevgeni M.; Williams, Tim; Sakkos, Tiiu; Kroos, Peep 2008 https://www.ester.ee/record=b2509843*est

Elektrotehnika aluste ja elektrimasinate instituut 50 : infokilde tänapäevast ja möödunust

2016 http://www.ester.ee/record=b4560920*est

Evaluation of high power factor three-phase diode rectifiers with parallel-resonant input filters

Sakkos, Tiiu; Sarv, Vello The 3rd International Conference Electric Power Quality and Supply Reliability, September 4...6, 2002, Haapsalu, Estonia : proceedings 2002 / p. 76-79 : ill

High power factor AC-DC diode interfaces for drive systems with a voltage-source inverter using optimum re-rectification of the ripple power

Sakkos, Tiiu; Sarv, Vello ELECTROMOTION '99 : 3rd International Symposium on Advanced Electromechanical Motion Systems : July 8-9, 1999, Patras, Greece : proceedings. Vol. II 1999 / p. 619-624 : ill

High power factor single- and three-phase diode rectifiers using parallel re-rectification of the ripple power

Sakkos, Tiiu; Sarv, Vello The 7th Biennial Conference on Electronics and Microsystem Technology "Baltic Electronics Conference" : BEC 2000 : October 8 - 11, 2000, Tallinn, Estonia : conference proceedings 2000 / p. 199-202 : ill

Improved high-power-factor three-phase diode rectifiers using ripple-power re-rectification

Sakkos, Tiiu; Sarv, Vello; Järvi, Jaan 9th European Conference on Power Electronics and Applications : 27-29 August 2001, Graz, Austria 2001 / p. DS3.1-1 : ill

Improved high-power-factor three-phase diode rectifiers using ripple-power re-rectification [Electronic resource]

Sakkos, Tiiu; Sarv, Vello; Järvi, Jaan EPE 2001 : 9th European Conference on Power Electronics and Applications : 27-29 August 2001, Graz 2001 / [9] p. : ill. [CD-ROM]

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>

New active diode-switched transformer filters to improve power factor of three-phase diode rectifiers with capacitive smoothing

Sakkos, Tiiu; Sarv, Vello Proceedings of the Estonian Academy of Sciences. Engineering 1997 / 3, p. 158-170: ill

A new low-distorting three-phase diode rectifier employing optimum ripple power control [Electronic resource]

Sakkos, Tiiu; Sarv, Vello 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 / [6] p. : ill. [CD-ROM] https://www.researchgate.net/publication/4196868_A_new_low-distorting_three-phase_diode_rectifier_employing_optimum_ripple_power_control

New unity power factor diode rectifiers using ripple-power re-rectification

Sakkos, Tiiu; Sarv, Vello Eighth International Conference on Power Electronics and Variable Speed Drives : 18-19 September 2000 2000 / p. 378-381 : ill <https://ieeexplore.ieee.org/document/888953>

Power factor correction of single-phase diode rectifiers by a second-harmonic series-resonant filter stage

Sakkos, Tiiu; Sarv, Vello BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 223-226: ill

Power factor correction of three-phase diode rectifiers using optimum ripple currents injection [Electronic resource]

Sakkos, Tiiu; Sarv, Vello EPE 2005 Dresden : 11th European Conference on Power Electronics and Applications : 11-14 September 2005, Dresden, Germany 2005 / [7] p. : ill. [CD-ROM] <https://ieeexplore.ieee.org/abstract/document/1665413/similar#similar>

Power factor correction of three-phase diode rectifiers using optimum ripple-power control

Sakkos, Tiiu; Sarv, Vello EPE-PEMC 2004 : 11th International Power Electronics and Motion Control Conference : 2-4 September 2004, Riga, Latvia : proceedings. Vol.5 of 7, Power supply quality, renewables, power systems and DER 2004 / p. 5-397 - 5-401 : ill

Power factor correction on three-phase diode rectifiers using ripple-power re-rectification and resonant filters

Järvi, Jaan; Sakkos, Tiiu; Sarv, Vello 48. Internationales Wissenschaftliches Kolloquium, 22.-25.09.2003, Technische Universität Ilmenau, Germany 2003 / p. 595-596 : ill

Power factor correction on three-phase diode rectifiers using ripple-power re-rectification and resonant filters [Electronic resource]

Järvi, Jaan; Sakkos, Tiiu; Sarv, Vello 48. Internationales Wissenschaftliches Kolloquium, 22.-25.09.2003, Technische Universität Ilmenau, Germany : proceedings and our portrait 2003 / [8] p. : ill. [CD-ROM]

Power quality improvement in diode rectifiers using ripple-power re-rectification and multifunctional filter elements

Sakkos, Tiiu; Sarv, Vello; Järvi, Jaan EPQU'01 : Electrical Power Quality and Utilisation : 6th International Conference : September 19-21, 2001, Cracow, Poland : proceedings 2001 / p. 333-338 : ill

Power quality improvement technique for diode-bridge rectifiers using optimum re-rectification of the ripple power

Sakkos, Tiiu; Sarv, Vello Electric Power Quality and Supply Reliability : June 9-12, 1999, Sagadi, Estonia : conference proceedings 1999 / p. 102-107: ill

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

PQ2010 : 7th International Conference "2010 Electric Power Quality and Supply Reliability" : June 16-18, 2010, Kuressaare, Estonia : conference proceedings

2010 http://www.ester.ee/record=b2631897*est

PQ2012 : 8th International Conference : 2012 Electric Power Quality and Supply Reliability : June 11-13, 2012, Tartu, Estonia : conference proceedings

2012 https://www.ester.ee/record=b4770080*est

Rahvusvaheline elektrotehnika sõnastik. Osa 161, Elektromagnetiline ühilduvus

2000 https://www.ester.ee/record=b1461349*est

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 / 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

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

Theory and application of linear time-varying inductors with controlled turn-number

Sakkos, Tiiu; Sarv, Vello ICEM 2000 proceedings : International Conference on Electrical Machines : 28-30 August 2000, Espoo Finland. Vol. 1 2000 / p. 120-124 : ill

TTÜ energeetikateaduskond ja Eesti energeetika

Oorn, Arvo; Valtin, Juhan; Lehtla, Tõnu; Paist, Aadu; Reinsalu, Enno; Undusk, Viktor; Uibopuu, Lembit; Pirrus, Enn-Aavo

2018 http://www.ester.ee/record=b4766228*est

Two new high power factor single-phase diode rectifiers using optimum ripple-power conversion [Electronic resource]

Sakkos, Tiiu; Sarv, Vello EPE-PEMC 2006 : 12th International Power Electronics and Motion Control Conference : Portorož, Slovenia, August 30 - September 1, 2006 : proceedings 2006 / p. 1636-1641 : ill. [CD-ROM]

<https://ieeexplore.ieee.org/document/4778639>

Two new unity power factor three-phase diode rectifiers with ripple power re-rectification and resonant filters

Sakkos, Tiiu; Sarv, Vello BEC 2002 : proceedings of the 8th Biennial Baltic Electronics Conference : October 6-9, 2002, Tallinn, Estonia 2002 / p. 401-404 : ill

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>

Двенадцатипульсный преобразователь переменного напряжения в режиме устройства частоты : препринт

Sakkos, Heinar; Sakkos, Tiiu 1991 https://www.ester.ee/record=b1235621*est

Двухфазно управляемые трехфазные многопульсивные преобразователи переменного напряжения

Sakkos, Heinar; Sakkos, Tiiu Техническая электродинамика 1990 / 1, с. 57-62

Исследование регулируемых магнитных удвоителей частоты с самоподмагничиванием : автореферат ... кандидата технических наук (05.276)

Sakkos, Tiiu 1973 https://www.ester.ee/record=b1389437*est

Многопульсные трехфазные преобразователи переменного напряжения с двухфазной системой управления : препринт

Sakkos, Heinar; Sakkos, Tiiu 1990 https://www.ester.ee/record=b1275285*est

Регулятор трехфазного напряжения с управляемым межфазным энергообменом

Sakkos, Tiiu; Sakkos, Heinar Проблемы электромагнитной совместимости силовых полупроводниковых преобразователей.

Часть 3 : тезисы докладов III Всесоюзного научно-технического совещания [Таллинн, ноябрь 1986 года] 1986 / с. 38-39

https://www.ester.ee/record=b1216686*est

Управляемый двенадцатипульсный выпрямитель с промежуточным утрянением частоты

Sakkos, Tiiu; Sakkos, Heinar Проблемы преобразовательной техники : тезисы докладов IV всесоюзной научно-технической конференции, Киев, сентябрь 1987 г. 1987 / с. 207-209 https://www.ester.ee/record=b1253147*est