

### **Analysis of oscillation suppression methods in the AC-AC stage of high frequency link converters**

**Korkh, Oleksandr; Blinov, Andrei; Vinnikov, Dmitri** 2019 IEEE 60th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON), 7-9 October 2019 : conference proceedings 2019 / 5 p. : ill <https://doi.org/10.1109/RTUCON48111.2019.8982259>

### **Asymmetric snubberless current-fed full-bridge isolated DC-DC converters**

**Kosenko, Roman; Blinov, Andrei; Vinnikov, Dmitri; Chub, Andrii** Scientific Journal of Riga Technical University. Electrical, control and communication engineering 2018 / p. 5-11 : ill <https://doi.org/10.2478/ecce-2018-0001>

### **Bidirectional isolated current source DAB converter with extended ZVS/ZCS range and reduced energy circulation for storage applications**

**Blinov, Andrei; Kosenko, Roman; Vinnikov, Dmitri; Parsa, Leila** IEEE transactions on industrial electronics 2020 / p. 10552-10563 <https://doi.org/10.1109/TIE.2019.2958291> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Bidirectional isolated current-fed soft-switching secondary-modulated DC-DC converters = Isoleeritud kahesuunalised voolutoitelised pehmelülituse ja sekundaarmodulatsiooniga alalisvoolumuundurid**

**Kosenko, Roman** 2019 <https://digi.lib.ttu.ee/ii/?11237>

### **Characterisation of 1200 V reverse-blocking IGBTs for naturally commutated HF-link inverter**

**Zinchenko, Denys; Korkh, Oleksandr; Blinov, Andrei; Waind, Peter; Vinnikov, Dmitri** 2019 IEEE 2nd Ukraine Conference on Electrical and Computer Engineering : UKRCON-2019 : conference proceedings 2019 / p. 382-387 : ill <https://doi.org/10.1109/UKRCON.2019.8879900>

### **Common-mode voltage analysis and reduction for the quasi-Z-source inverter with a split inductor**

**Liu, Wenjie; Yang, Yongheng; Kerekes, Tamas; Liivik, Elizaveta; Vinnikov, Dmitri; Blaabjerg, Frede** Applied sciences 2020 / art. 8713, 13 p. : ill <https://doi.org/10.3390/app10238713> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Comparison of soft switching methods of DC-AC full bridge high-frequency link converter**

**Korkh, Oleksandr; Blinov, Andrei; Kosenko, Roman; Vinnikov, Dmitri** 59th Annual International Scientific Conference on Power and Electrical Engineering : November 12, 13, 2018, Riga Technical University (RTUCON) : conference proceedings 2018 / 6 p. : ill <https://doi.org/10.1109/RTUCON.2018.8659898>

### **DC-DC перетворювач з широким діапазоном забезпечення режиму природної комутації в нулях напруги**

**Blinov, Andrei; Vinnikov, Dmitri; Ivakhno, Volodymyr; Zamaruev, Volodymyr; Styshlo, Bogdan** Вісник НТУ "Харківський політехнічний інститут". Серія: Електричні машини та електромеханічне перетворення енергії = Bulletin of the NTU "Kharkiv Polytechnic Institute". Series: Electrical Machines and Electromechanical Energy Conversion 2019 / с. 14-19 : il <https://doi.org/10.20998/2409-9295.2019.20.02>

### **Design and implementation of dual-mode LLC resonant converter for charging 400 V and 800 V onboard plug-in electric vehicles**

**Vinusha, Bussa; Kalpana, R.; Kishan, Dharavath; Chub, Andrii** 2025 IEEE 19th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) 2025 / 6 p <https://doi.org/10.1109/CPE-POWERENG63314.2025.11027270>

### **Ehitiste elektripaigaldised**

**Kroon, Kalju; Risthein, Endel** 2003 [https://www.ester.ee/record=b1806956\\*est](https://www.ester.ee/record=b1806956*est)

### **Ehitiste elektripaigaldised**

**Kroon, Kalju; Risthein, Endel** 2003 [https://www.ester.ee/record=b1806975\\*est](https://www.ester.ee/record=b1806975*est)

### **Ehitiste elektripaigaldised**

**Kroon, Kalju; Risthein, Endel** 2003 [https://www.ester.ee/record=b1806979\\*est](https://www.ester.ee/record=b1806979*est)

### **Ehitiste elektripaigaldised**

**Risthein, Endel** 2003 [https://www.ester.ee/record=b1844473\\*est](https://www.ester.ee/record=b1844473*est)

### **Ehitiste elektripaigaldised**

**Risthein, Endel** 2007 [https://www.ester.ee/record=b2263226\\*est](https://www.ester.ee/record=b2263226*est)

**Ehitiste elektripaigaldised. Osa 5-51, Elektriseadmete valik ja paigaldamine. Üldjuhised = Electrical installations of buildings. Part 5-51, Selection and erection of electrical equipment. Common rules (IEC 60364-5-51:2005, modified) 2017 <https://www.evs.ee/tooted/evs-hd-60364-5-51-2009+a11+a12>**

**Ehitiste elektripaigaldised. Osa 5-51, Elektriseadmete valik ja paigaldamine. Üldjuhised [Võrguteavik] = Electrical installations of buildings. Part 5-51, Selection and erection of electrical equipment. Common rules**

2017 [http://www.ester.ee/record=b4741638\\*est](http://www.ester.ee/record=b4741638*est)

#### **Ehitiste madalpinge-elektripaigaldised**

**Risthein, Endel** 1995 [https://www.ester.ee/record=b1069495\\*est](https://www.ester.ee/record=b1069495*est)

#### **Elektriliste kaitse-, turvalahutus-, lülitus- ja juhtimisaparaatide koordineerimine [Võrguteavik] = Co-ordination of electrical equipment for protection, isolation, switching and control**

2015 [http://www.ester.ee/record=b4455955\\*est](http://www.ester.ee/record=b4455955*est)

#### **Elektriohutus**

**Pavelson, Henno** 1985 [https://www.ester.ee/record=b1250246\\*est](https://www.ester.ee/record=b1250246*est)

#### **Elektriohutus madalpingepaigaldistes**

**Risthein, Endel** 2012 [https://www.ester.ee/record=b2771948\\*est](https://www.ester.ee/record=b2771948*est)

#### **Elektriseadmed [Võrguteavik] : liigvoolukaitselülitid majapidamis- ja muudele taoliste paigaldistele. Osa 2, Vahelduv- ja alalisvoolul kasutatavad kaitselülitid = Electrical accessories : circuit-breakers for overcurrent protection for household and similar installations. Part 2, Circuit-breakers for a.c. and d.c. operation (IEC 60898-2:2016, modified)**

2021 [https://www.ester.ee/record=b5473393\\*est](https://www.ester.ee/record=b5473393*est)

#### **Fault-tolerant soft-switching current-fed DC-DC converter**

**Zinchenko, Denys; Kosenko, Roman; Blinov, Andrei; Vinnikov, Dmitri** 2019 IEEE 2nd Ukraine Conference on Electrical and Computer Engineering : UKRCON-2019 : conference proceedings 2019 / p. 437-440 : ill <https://doi.org/10.1109/UKRCON.2019.8879973>

#### **Feasibility study of interleaving approach for Quasi-Z-Source inverter**

**Stepenko, Serhii; Husev, Oleksandr; Vinnikov, Dmitri; Fesenko, Artem; Matiushkin, Oleksandr** Electronics 2020 / art. 277, 11 p. : ill <https://doi.org/10.3390/electronics9020277> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Fotoelektrilised toitevõimsuse genereerimissüsteemid : toitemuunduriseadmete elektromagnetilise ühilduvuse nõuded ja katsetusmeetodid = Photovoltaic power generating systems EMC requirements and test methods for power conversion equipment (IEC 62920:2017+IEC 62920:2017/A1:2021)**

2023 [https://www.ester.ee/record=b5561301\\*est](https://www.ester.ee/record=b5561301*est)

#### **Future power system out-of-step protection concept utilizing synchronized phasor measurements = Tuleviku elektrisüsteemi faasimõõtmistel põhinev sünkronismikaotuskaitse kontseptsioon**

**Tealane, Marko** 2023 <https://doi.org/10.23658/taltech.9/2023> <https://digikogu.taltech.ee/et/item/159731eb-e93e-4892-875f-3806cd16e64c> [https://www.ester.ee/record=b5542953\\*est](https://www.ester.ee/record=b5542953*est)

#### **GIGA: failure prediction of ESD protection devices**

**Freidin, Boris; Udal, Andres** The Bug Exterminator : a monthly publication of Silvaco International 1992 / 11, p. 1-3

#### **Grid-frequency Vienna rectifier and isolated current-source DC-DC converters for efficient off-board charging of electric vehicles**

**Rabkowski, Jacek; Blinov, Andrei; Zinchenko, Denys; Wrona, Grzegorz; Zdanowski, Mariusz** 2020 22nd European Conference on Power Electronics and Applications (EPE'20 ECCE Europe), Lyon, France, 7-11 Sept. 2020 / 10 p. : ill <https://doi.org/10.23919/EPE20ECCEurope43536.2020.9215772>

#### **High gain DC-AC high-frequency link inverter with improved quasi-resonant modulation**

**Blinov, Andrei; Korkh, Oleksandr; Chub, Andrii; Vinnikov, Dmitri; Peftitsis, Dimosthenis; Norrga, Staffan; Galkin, Ilja** IEEE transactions on industrial electronics 2022 / p. 1465-1476 : ill <https://doi.org/10.1109/TIE.2021.3060657> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Hybrid residual current device and solid state circuit breaker for residential DC microgrids**

**Jalakas, Tanel; Chub, Andrii; Roasto, Indrek; Vinnikov, Dmitri** 2024 19th Biennial Baltic Electronics Conference (BEC) 2024 / 5 p <https://doi.org/10.1109/BEC61458.2024.10737970> [Article at Scopus](#) [Conference proceedings at Scopus](#) [Article at WOS](#)

#### **Implementation of protection features for a modular bidirectional solid-state battery disconnecter**

**Dsa, Daniel; Chinnusamy, Abhinav; Banavath, Satish Naik; Carvalho da Silva, Edivan Laercio** IEEE journal of emerging and selected topics in power electronics 2024 <https://doi.org/10.1109/JESTPE.2024.3502157>

#### **Inimese-masina-liidese üld- ja ohutuspõhimõtted, märgistus ja tuvastamine : seadmeklemmide, juhtide otste ja juhtide tuvastamine = Basic and safety principles for man-machine interface, marking and identification : identification of equipment terminals, conductor terminations and conductors (IEC 60445:2021)**

2021 [https://www.ester.ee/record=b5480843\\*est](https://www.ester.ee/record=b5480843*est)

#### **Inimese-masina-liidese üld- ja ohutuspõhimõtted, märgistus ja tuvastamine [Võrguteavik] : seadmeklemmide, juhtide**

**otsastuste ja juhtide tuvastamine = Basic and safety principles for man-machine interface, marking and identification : identification of equipment terminals, conductor terminations and conductors (IEC 60445:2010)**

2017 [http://www.ester.ee/record=b4759241\\*est](http://www.ester.ee/record=b4759241*est)

**Inimese-masina-liidese üld- ja ohutuspõhimõtted, märgistus ja tuvastamine. Juhtide tuvastamine värvide, tähtede või numbritega = Basic and safety principles for man-machine interface, marking and identification. Identification of conductors by colours or alphanumerics (IEC 60446:2007)**

2010 [https://www.ester.ee/record=b2638691\\*est](https://www.ester.ee/record=b2638691*est)

**Inimese-masina-liidese üld- ja ohutuspõhimõtted, märgistus ja tuvastamine. Seadmeklemmide, juhtide otste ja juhtide tuvastamine = Basic and safety principles for man-machine interface, marking and identification. Identification of equipment terminals, conductor terminations and conductors (IEC 60445:2010)**

2011 [https://www.ester.ee/record=b2715738\\*est](https://www.ester.ee/record=b2715738*est)

**Isolated high step-up current-fed DC-DC converter with low input current ripple and wide full-soft-switching capability**  
**Mohseni, Parham; Pourjafar, Saeed; Matiushkin, Oleksandr; Husev, Oleksandr; Vinnikov, Dmitri** IEEE transactions on industry applications 2025 / 11 p <https://doi.org/10.1109/TIA.2025.3544985>

**Kaitse elektrilöögi eest. Ühisnõuded paigaldistele ja seadmetele**

**Risthein, Endel; Kärt, Meelis; Oidram, Rein** 2003 [https://www.ester.ee/record=b1791744\\*est](https://www.ester.ee/record=b1791744*est)

**Kaitse elektrilöögi eest. Ühisnõuded paigaldistele ja seadmetele**

**Risthein, Endel** 2006 [https://www.ester.ee/record=b2222168\\*est](https://www.ester.ee/record=b2222168*est)

**Kaitseaparaadid**

**Lahtmets, Rain** 2006 [http://www.ester.ee/record=b2113826\\*est](http://www.ester.ee/record=b2113826*est)

**Kaitselülitid**

**Teemets, Raivo** 1994 [https://www.ester.ee/record=b1054890\\*est](https://www.ester.ee/record=b1054890*est)

**Laiskus on edasiviiv**

**Sinivee, Veljo** Arvutikasutaja 2005 / 11, lk. 26-28 : ill [https://artiklid.elnet.ee/record=b1051762\\*est](https://artiklid.elnet.ee/record=b1051762*est)

**Lekkevoolukaitse**

**Lehtla, Tõnu** Tehnika ja Tootmine 1987 / lk. 43-45 [https://www.ester.ee/record=b1073047\\*est](https://www.ester.ee/record=b1073047*est)

**Liigpingekaitse**

**Risthein, Endel** 2007 [https://www.ester.ee/record=b2289284\\*est](https://www.ester.ee/record=b2289284*est)

**Liigpingepiirik - mis ja milleks?**

**Toomsalu, Arvo** Arvutimaailm 1999 / 1, lk. 42-45: ill [https://artiklid.elnet.ee/record=b1000082\\*est](https://artiklid.elnet.ee/record=b1000082*est)

**Liigpingepiirikud**

**Oidram, Rein; Metusala, Tiit; Oidram, Rein; Teemets, Raivo; Riit, Tarmo** 2009 [https://www.ester.ee/record=b2536957\\*est](https://www.ester.ee/record=b2536957*est)

**Liigpingepiirikud**

**Oidram, Rein; Tammoja, Heiki** 2004 [https://www.ester.ee/record=b2006452\\*est](https://www.ester.ee/record=b2006452*est)

**Liigpingepiirikud**

**Terno, Olaf; Metusala, Tiit; Tammoja, Heiki** 2004 [https://www.ester.ee/record=b2006459\\*est](https://www.ester.ee/record=b2006459*est)

**Madalapigelised elektripaigaldised. Osa 7-701, Nõuded eripaigaldistele ja -paikadele. Vanne või dušše sisaldavad paigad = Low-voltage electrical installations. Part 7-701, Requirements for special installations or locations. Locations containing a bath or shower (IEC 60364-7-701:2019)**

2024 [https://www.ester.ee/record=b5730115\\*est](https://www.ester.ee/record=b5730115*est)

**Madalapigelised elektripaigaldised. Osa 7-708, Nõuded eripaigaldistele ja -paikadele. Sõidukelamuväljakud, kämpinguväljakud ja muud samalaadsed paigad = Low-voltage electrical installations. Part 7-708, Requirements for special installations or locations. Caravan parks, camping parks and similar locations**

2024 [https://www.ester.ee/record=b5730121\\*est](https://www.ester.ee/record=b5730121*est)

**Madalapigelised elektripaigaldised. Osa 7-708, Nõuded eripaigaldistele ja -paikadele. Sõidukelamuväljakud, kämpinguväljakud ja muud samalaadsed paigad = Low-voltage electrical installations. Part 7-708, Requirements for special installations or locations. Caravan parks, camping parks and similar locations**

2024 [https://www.ester.ee/record=b5730140\\*est](https://www.ester.ee/record=b5730140*est)

### **Madalpingelised aparaadikoosted**

2001 [https://www.ester.ee/record=b1465704\\*est](https://www.ester.ee/record=b1465704*est)

### **Madalpingelised aparaadikoosted**

2008 [https://www.ester.ee/record=b2458058\\*est](https://www.ester.ee/record=b2458058*est)

### **Madalpingelised aparaadikoosted**

2008 [https://www.ester.ee/record=b2458055\\*est](https://www.ester.ee/record=b2458055*est)

### **Madalpingelised aparaadikoosted**

2008 [https://www.ester.ee/record=b2458053\\*est](https://www.ester.ee/record=b2458053*est)

### **Madalpingelised aparaadikoosted. Osa 5, Avalike elektrivõrkude elektrijaotuskoosted = Low-voltage switchgear and controlgear assemblies. Part 5, Assemblies for power distribution in public networks (IEC 61439-5:2023)**

2023 [https://www.ester.ee/record=b5641184\\*est](https://www.ester.ee/record=b5641184*est)

### **Madalpingelised aparaadikoosted. Osa 1, Üldreeglid = Low-voltage switchgear and controlgear assemblies. Part 1, General rules (IEC 61439-1:2009, modified)**

2010 [https://www.ester.ee/record=b2646332\\*est](https://www.ester.ee/record=b2646332*est)

### **Madalpingelised aparaadikoosted. Osa 1, Üldreeglid = Low-voltage switchgear and controlgear assemblies. Part 1, General rules (IEC 61439-1:2011)**

2012 [https://www.ester.ee/record=b2860114\\*est](https://www.ester.ee/record=b2860114*est)

### **Madalpingelised aparaadikoosted. Osa 1, Üldreeglid [Võrguteavik] = Low-voltage switchgear and controlgear assemblies. Part 1, General rules (IEC 61439-1:2020)**

2021 [https://www.ester.ee/record=b5449258\\*est](https://www.ester.ee/record=b5449258*est)

### **Madalpingelised aparaadikoosted. Osa 2, Jõuparaadikoosted = Low-voltage switchgear and controlgear assemblies. Part 2, Power switchgear and controlgear assemblies (IEC 61439-2:2009)**

2010 [https://www.ester.ee/record=b2646336\\*est](https://www.ester.ee/record=b2646336*est)

### **Madalpingelised aparaadikoosted. Osa 2, Jõuparaadikoosted = Low-voltage switchgear and controlgear assemblies. Part 2, Power switchgear and controlgear assemblies (IEC 61439-2:2011)**

2012 [https://www.ester.ee/record=b2860121\\*est](https://www.ester.ee/record=b2860121*est)

### **Madalpingelised aparaadikoosted. Osa 2, Jõuparaadikoosted [Võrguteavik] = Low-voltage switchgear and controlgear assemblies. Part 2, Power switchgear and controlgear assemblies (IEC 61439-2:2020)**

2021 [https://www.ester.ee/record=b5449266\\*est](https://www.ester.ee/record=b5449266*est)

### **Madalpingelised aparaadikoosted. Osa 3, Jaotuskilbid, mida tohivad käsitada tavalisikud = Low-voltage switchgear and controlgear assemblies. Part 3, Distribution boards intended to be operated by ordinary persons (DBO) (IEC 61439-3:2012)**

2013 [https://www.ester.ee/record=b2940430\\*est](https://www.ester.ee/record=b2940430*est)

### **Madalpingelised aparaadikoosted. Osa 5, Avalike elektrivõrkude elektrijaotuskoosted [Võrguteavik] = Low-voltage switchgear and controlgear assemblies. Part 5, Assemblies for power distribution in public networks (IEC 61439-5:2014)**

2015 [https://www.ester.ee/record=b4502269\\*est](https://www.ester.ee/record=b4502269*est)

### **Madalpingelised elektripaigaldised**

Risthein, Endel 2009 [https://www.ester.ee/record=b2466695\\*est](https://www.ester.ee/record=b2466695*est)

### **Madalpingelised elektripaigaldised**

Risthein, Endel 2009 [https://www.ester.ee/record=b2510116\\*est](https://www.ester.ee/record=b2510116*est)

### **Madalpingelised elektripaigaldised**

Kroon, Kalju; Risthein, Endel 2009 [https://www.ester.ee/record=b2510120\\*est](https://www.ester.ee/record=b2510120*est)

### **Madalpingelised elektripaigaldised**

Kroon, Kalju; Risthein, Endel 2009 [https://www.ester.ee/record=b2537048\\*est](https://www.ester.ee/record=b2537048*est)

### **Madalpingelised elektripaigaldised**

Kroon, Kalju; Risthein, Endel 2007 [https://www.ester.ee/record=b2261047\\*est](https://www.ester.ee/record=b2261047*est)

**Madalpingelised elektripaigaldised**

Risthein, Endel 2007 [https://www.ester.ee/record=b2258244\\*est](https://www.ester.ee/record=b2258244*est)

**Madalpingelised elektripaigaldised**

Risthein, Endel 2007 [https://www.ester.ee/record=b2261099\\*est](https://www.ester.ee/record=b2261099*est)

**Madalpingelised elektripaigaldised**

Risthein, Endel 2007 [https://www.ester.ee/record=b2639631\\*est](https://www.ester.ee/record=b2639631*est)

**Madalpingelised elektripaigaldised. Osa 4-42, Kaitseviisid. Kaitse kuumustoime eest [Võrguteavik] = Low-voltage electrical installations. Part 4-42, Protection for safety. Protection against thermal effects**

2022 [https://www.ester.ee/record=b5486429\\*est](https://www.ester.ee/record=b5486429*est)

**Madalpingelised elektripaigaldised. Osa 4-42, Kaitseviisid. Kaitse kuumustoime eest [Võrguteavik] = Low-voltage electrical installations. Part 4-42, Protection for safety. Protection against thermal effects (IEC 60364-4-42:2010, modified+IEC 60364-4-42:2010/A1:2014)**

2022 [https://www.ester.ee/record=b5486332\\*est](https://www.ester.ee/record=b5486332*est)

**Madalpingelised elektripaigaldised. Osa 5-52, Elektriseadmete valik ja paigaldamine. Juhistikud = Low-voltage electrical installations. Part 5-52, Selection and erection of electrical equipment. Wiring systems**

2023 [https://www.ester.ee/record=b5550284\\*est](https://www.ester.ee/record=b5550284*est)

**Madalpingelised elektripaigaldised. Osa 5-52, Elektriseadmete valik ja paigaldamine. Juhistikud = Low-voltage electrical installations. Part 5-52, Selection and erection of electrical equipment. Wiring systems (IEC 60364-5-52:2009, modified)**

2023 [https://www.ester.ee/record=b5551703\\*est](https://www.ester.ee/record=b5551703*est)

**Madalpingelised elektripaigaldised. Osa 5-52, Elektriseadmete valik ja paigaldamine. Juhistikud = Low-voltage electrical installations. Part 5-52, Selection and erection of electrical equipment. Wiring systems (IEC 60364-5-52:2009, modified+IEC 60364-5-52:2009/AMD1:2024)**

2025 [https://www.ester.ee/record=b5734422\\*est](https://www.ester.ee/record=b5734422*est)

**Madalpingelised elektripaigaldised. Osa 5-52, Elektriseadmete valik ja paigaldamine. Juhistikud = Low-voltage electrical installations. Part 5-52, Selection and erection of electrical equipment. Wiring systems (IEC 60364-5-52:2009/AMD1:2024)**

2025 [https://www.ester.ee/record=b5734430\\*est](https://www.ester.ee/record=b5734430*est)

**Madalpingelised elektripaigaldised. Osa 5-54, Elektriseadmete valik ja paigaldamine. Maandamine ja kaitsejuhid = Low-voltage electrical installations. Part 5-54, Selection and erection of electrical equipment. Earthing arrangements and protective conductors (IEC 60364-5-54:2009)**

2012 [https://www.ester.ee/record=b2758734\\*est](https://www.ester.ee/record=b2758734*est)

**Madalpingelised elektripaigaldised. Osa 5-559, Elektriseadmete valik ja paigaldamine : valgustid ja valgustuspaigaldised = Low-voltage electrical installations. Part 5-559, Selection and erection of electrical equipment : luminaires and lighting installations (IEC 60364-5-55:2011, modified)**

2013 [https://www.ester.ee/record=b2940217\\*est](https://www.ester.ee/record=b2940217*est)

**Madalpingelised elektripaigaldised. Osa 7-701, Nõuded eripaigaldistele ja -paikadele. Vanne ja dušše sisaldavad ruumid = Low-voltage electrical installations. Part 7-701, Requirements for special installations or locations. Locations containing a bath or shower (IEC 60364-7-701:2006, modified)**

2012 [https://www.ester.ee/record=b2747009\\*est](https://www.ester.ee/record=b2747009*est)

**Madalpingelised elektripaigaldised. Osa 7-716, Nõuded eripaigaldistele ja -paikadele. Väikepingeline alalisvoolujaotus info- ja sidetehnika kaablaristiku kaudu = Low-voltage electrical installations. Part 7-716, Requirements for special installations or locations. ELV DC power distribution over information and communications technology (ICT) cable infrastructure (IEC 60364-7-716:2023)**

2023 [https://www.ester.ee/record=b5652985\\*est](https://www.ester.ee/record=b5652985*est)

**Madalpingelised elektripaigaldised. Osa 1, Põhialused, üldiseloostus, määratlused [Võrguteavik] = Low-voltage electrical installations. Part 1, Fundamental principles, assessment of general characteristics definitions**

2017 [http://www.ester.ee/record=b4741241\\*est](http://www.ester.ee/record=b4741241*est)

**Madalpingelised elektripaigaldised. Osa 4-41, Kaitseviisid. Kaitse elektrilöögi eest [Võrguteavik] = Low-voltage electrical installations. Part 4-41, Protection for safety. Protection against electric shock**

2019 [https://www.ester.ee/record=b5264135\\*est](https://www.ester.ee/record=b5264135*est)

**Madalpingelised elektripaigaldised. Osa 4-41, Kaitseviisid. Kaitse elektrilöögi eest [Võrguteavik] = Low-voltage electrical**

installations. Part 4-41, Protection for safety. Protection against electric shock (IEC 60364-4-41:2005, modified+A1:2017, modified)

2019 [https://www.ester.ee/record=b5264130\\*est](https://www.ester.ee/record=b5264130*est)

Madalpingelised elektripaigaldised. Osa 4-42, Kaitseviisid. Kaitse kuumustoime eest = Low-voltage electrical installations. Part 4-42, Protection for safety. Protection against thermal effects (IEC 60364-4-42:2010, modified)

2012 [https://www.ester.ee/record=b4484094\\*est](https://www.ester.ee/record=b4484094*est)

Madalpingelised elektripaigaldised. Osa 4-42, Kaitseviisid. Kaitse kuumustoime eest [Võrguteavik] = Low-voltage electrical installations. Part 4-42, Protection for safety. Protection against thermal effects (IEC 60364-4-42:2010, modified + IEC 60364-4-42:2010/A1:2014)

2015 [http://www.ester.ee/record=b4484094\\*est](http://www.ester.ee/record=b4484094*est)

Madalpingelised elektripaigaldised. Osa 4-43, Kaitseviisid. Liigvoolukaitse = Low-voltage electrical installations. Part 4-43, Protection for safety. Protection against overcurrent (IEC 60364-4-43:2008, modified + corrigendum Oct. 2008)

2010 [https://www.ester.ee/record=b2636403\\*est](https://www.ester.ee/record=b2636403*est)

Madalpingelised elektripaigaldised. Osa 4-442, Kaitseviisid. Madalpingepaigaldiste kaitse kõrgepingevõrkude maaühenduste tagajärjel ja madalpingevõrkude rikete tagajärjel tekkivate ajutiste liigpingete eest = Low-voltage electrical installations. Part 4-442, Protection for safety. Protection of low-voltage installations against temporary overvoltages due to earth faults in the high-voltage system and due to faults in the low voltage system (IEC 60364-4-44:2007 (Clause 442), modified)

2012 [https://www.ester.ee/record=b2860150\\*est](https://www.ester.ee/record=b2860150*est)

Madalpingelised elektripaigaldised. Osa 4-444, Kaitseviisid. Kaitse pingehäiringute ja elektromagnetiliste häiringute eest = Low-voltage electrical installations. Part 4-444, Protection for safety. Protection against voltage disturbances and electromagnetic disturbances (IEC 60364-4-44:2007 (Clause 444), modified)

2011 [https://www.ester.ee/record=b2716005\\*est](https://www.ester.ee/record=b2716005*est)

Madalpingelised elektripaigaldised. Osa 5-52, Elektriseadmete valik ja paigaldamine. Juhistikud = Low-voltage electrical installations. Part 5-52, Selection and erection of electrical equipment. Wiring systems (IEC 60364-5-52:2009, modified)

2011 [https://www.ester.ee/record=b2730309\\*est](https://www.ester.ee/record=b2730309*est)

Madalpingelised elektripaigaldised. Osa 5-52, Elektriseadmete valik ja paigaldamine. Juhistikud [Võrguteavik] = Low-voltage electrical installations. Part 5-52, Selection and erection of electrical equipment. Wiring systems (IEC 60364-5-52:2009, modified)

2017 [http://www.ester.ee/record=b4770308\\*est](http://www.ester.ee/record=b4770308*est)

Madalpingelised elektripaigaldised. Osa 5-53, Elektriseadmete valik ja paigaldamine. Lülitus- ja juhtimisaparaadid [Võrguteavik] = Low-voltage electrical installations. Part 5-53, Selection and erection of electrical equipment. Switchgear and controlgear

2016 [http://www.ester.ee/record=b4572360\\*est](http://www.ester.ee/record=b4572360*est)

Madalpingelised elektripaigaldised. Osa 5-53, Elektriseadmete valik ja paigaldamine. Lülitus- ja juhtimisaparaadid [Võrguteavik] = Low-voltage electrical installations. Part 5-53, Selection and erection of electrical equipment. Switchgear and controlgear

2017

Madalpingelised elektripaigaldised. Osa 5-54, Elektriseadmete valik ja paigaldamine. Maandamine ja kaitsejuhid [Võrguteavik] = Low-voltage electrical installations. Part 5-54, Selection and erection of electrical equipment. Earthing arrangements and protective conductors (IEC 60364-5-54:2009)

2017 [http://www.ester.ee/record=b4741679\\*est](http://www.ester.ee/record=b4741679*est)

Madalpingelised elektripaigaldised. Osa 5-55, Elektriseadmete valik ja paigaldamine. Muud seadmed. Jaotis 551, Madalpingelised generaatoragregaadid = Low-voltage electrical installations. Part 5-55, Selection and erection of electrical equipment. Other equipment. Clause 551, Low-voltage generating sets (IEC 60364-5-55:2001/A2:2008 (Clause 551))

2010 [https://www.ester.ee/record=b2623784\\*est](https://www.ester.ee/record=b2623784*est)

Madalpingelised elektripaigaldised. Osa 5-56, Elektriseadmete valik ja paigaldamine ; Turvasüsteemid = Low-voltage electrical installations. Part 5-56, Selection and erection of electrical equipment ; Safety services

2012 [https://www.ester.ee/record=b2860157\\*est](https://www.ester.ee/record=b2860157*est)

Madalpingelised elektripaigaldised. Osa 5-56, Elektriseadmete valik ja paigaldamine ; Turvasüsteemid [Võrguteavik] = Low-voltage electrical installations. Part 5-56, Selection and erection of electrical equipment ; Safety services (IEC 60364-5-56:2018)

2019 [https://www.ester.ee/record=b5251705\\*est](https://www.ester.ee/record=b5251705*est)

**Madalpingelised elektripaigaldised. Osa 5-56, Elektriseadmete valik ja paigaldamine. Turvasüsteemid = Low-voltage electrical installations. Part 5-56, Selection and erection of electrical equipment. Safety services (IEC 60364-5-56:2009)**

2011 [https://www.ester.ee/record=b2716011\\*est](https://www.ester.ee/record=b2716011*est)

**Madalpingelised elektripaigaldised. Osa 5-557, Elektriseadmete valik ja paigaldamine. Abiahelad [Võrguteavik] = Low-voltage electrical installations. Part 5-557, Selection and erection of electrical equipment. Auxiliary circuits (IEC 60364-5-55:2011/A1:2012 (Clause 557))**

2016 [http://www.ester.ee/record=b4579708\\*est](http://www.ester.ee/record=b4579708*est)

**Madalpingelised elektripaigaldised. Osa 5-557, Elektriseadmete valik ja paigaldamine. Abiahelad [Võrguteavik] = Low-voltage electrical installations. Part 5-557, Selection and erection of electrical equipment. Auxiliary circuits (IEC 60364-5-55:2011/A1:2012 (Clause 557))**

2015

**Madalpingelised elektripaigaldised. Osa 5-559, Elektriseadmete valik ja paigaldamine. Valgustid ja valgustuspaigaldised [Võrguteavik] = Low-voltage electrical installations. Part 5-559, Selection and erection of electrical equipment ; Luminaires and lighting installations (IEC 60364-5-55:2011, modified)**

2017 [http://www.ester.ee/record=b4742051\\*est](http://www.ester.ee/record=b4742051*est)

**Madalpingelised elektripaigaldised. Osa 7-701, Nõuded eripaigaldistele ja -paikadele. Vanne ja dušše sisaldavad ruumid = Low voltage electrical installations. Part 7-701, Requirements for special installations or locations. Locations containing a bath or shower**

2012 [https://www.ester.ee/record=b2747004\\*est](https://www.ester.ee/record=b2747004*est)

**Madalpingelised elektripaigaldised. Osa 7-702, Nõuded eripaigaldistele ja -paikadele. Ujumisbasseinid ja purskkaevud = Low-voltage electrical installations. Part 7-702, Requirements for special installations or locations. Swimming pools and fountains (IEC 60364-7-702:2010, modified)**

2011 [https://www.ester.ee/record=b2716017\\*est](https://www.ester.ee/record=b2716017*est)

**Madalpingelised elektripaigaldised. Osa 7-704, Nõuded eripaigaldistele ja -paikadele. Ehituspaikade paigaldised [Võrguteavik] = Low-voltage electrical installations. Part 7-704, Requirements for special installations or locations. Construction and demolition site installations (IEC 60364-7-704:2017, modified)**

2018 [https://www.ester.ee/record=b2258336\\*est](https://www.ester.ee/record=b2258336*est)

**Madalpingelised elektripaigaldised. Osa 7-705, Nõuded eripaigaldistele ja -paikadele : põllumundus- ja aiandusehitised = Low-voltage electrical installations. Part 7-705, Requirements for special installations or locations : agricultural and horticultural premises**

2013 [https://www.ester.ee/record=b2940362\\*est](https://www.ester.ee/record=b2940362*est)

**Madalpingelised elektripaigaldised. Osa 7-705, Nõuded eripaigaldistele ja -paikadele : põllumundus- ja aiandusehitised = Low-voltage electrical installations. Part 7-705, Requirements for special installations or locations : agricultural and horticultural premises (IEC 60364-7-705:2006, modified)**

2013 [https://www.ester.ee/record=b2940368\\*est](https://www.ester.ee/record=b2940368*est)

**Madalpingelised elektripaigaldised. Osa 7-706, Nõuded eripaigaldistele ja -paikadele. Ahtad juhtivad paigad [Võrguteavik] = Low-voltage electrical installations. Part 7-706, Requirements for special installations or locations. Conducting locations with restricted movement (IEC 60364-7-706:2005/A1:2019)**

2021 [https://www.ester.ee/record=b5468025\\*est](https://www.ester.ee/record=b5468025*est)

**Madalpingelised elektripaigaldised. Osa 7-706, Nõuded eripaigaldistele ja -paikadele. Ahtad juhtivad paigad [Võrguteavik] = Low-voltage electrical installations. Part 7-706, Requirements for special installations or locations. Conducting locations with restricted movement (IEC 60364-7-706:2005, modified+IEC 60364-7-706:2005/A1:2019)**

2021 [https://www.ester.ee/record=b5468009\\*est](https://www.ester.ee/record=b5468009*est)

**Madalpingelised elektripaigaldised. Osa 7-709, Nõuded eripaigaldistele ja -paikadele. Sadamad (sh huvisõidusadamad) ja muud samalaadsed paigad. Erinõuded laevade kaldatoitele [Võrguteavik] = Low-voltage electrical installations. Part 7-709, Requirements for special installations or locations. Harbours, marinas and similar locations. Special requirements for shore supply to ships**

2019 [https://www.ester.ee/record=b5233966\\*est](https://www.ester.ee/record=b5233966*est)

**Madalpingelised elektripaigaldised. Osa 7-709, Nõuded eripaigaldistele ja -paikadele. Sadamad (sh huvisõidusadamad) ja muud samalaadsed paigad. Erinõuded laevade kaldatoitele [Võrguteavik] = Low-voltage electrical installations. Part 7-709, Requirements for special installations or locations. Harbours, marinas and similar locations. Special requirements for shore supply to ships (IEC 60364-7-709:2007, modified+IEC 60364-7-709:2007/A1:2012)**

2019 [https://www.ester.ee/record=b5233974\\*est](https://www.ester.ee/record=b5233974*est)

**Madalpingelised elektripaigaldised. Osa 7-710, Nõuded eripaigaldistele ja -paikadele. Ravipaigad = Low-voltage electrical installations. Part 7-710, Requirements for special installations or locations. Medical locations (IEC 60364-7-710:2002, modified)**

2013 [https://www.ester.ee/record=b2908455\\*est](https://www.ester.ee/record=b2908455*est)

**Madalpingelised elektripaigaldised. Osa 7-711, Nõuded eripaigaldistele ja -paikadele. Näitused, esitused ja stendid [Võrguteavik] = Low-voltage electrical installations. Part 7-711, Requirements for special installations or locations. Exhibitions, shows and stands (IEC 60364-7-711:2018)**

2019 [https://www.ester.ee/record=b5233958\\*est](https://www.ester.ee/record=b5233958*est)

**Madalpingelised elektripaigaldised. Osa 7-721, Nõuded eripaigaldistele ja -paikadele. Sõidukelamute elektripaigaldised [Võrguteavik] = Low-voltage electrical installations. Part 7-721, Requirements for special installations or locations. Electrical installations in caravans and motor caravans (IEC 60364-7-721:2017, modified)**

2019 [https://www.ester.ee/record=b5205895\\*est](https://www.ester.ee/record=b5205895*est)

**Madalpingelised elektripaigaldised. Osa 7-722, Nõuded eripaigaldistele ja -paikadele ; Elektrisõidukite toide [Võrguteavik] = Low-voltage electrical installations. Part 7-722, Requirements for special installations or locations ; Supplies for electric vehicles (IEC 60364-7-722:2018, modified)**

2019 [https://www.ester.ee/record=b5251715\\*est](https://www.ester.ee/record=b5251715*est)

**Madalpingelised elektripaigaldised. Osa 7-722, Nõuded eripaigaldistele ja -paikadele. Elektrisõidukite toide [Võrguteavik] = Low-voltage electrical installations. Part 7-722, Requirements for special installations or locations. Supplies for electric vehicles (IEC 60364-7-722:2015, modified)**

2016 [http://www.ester.ee/record=b4616843\\*est](http://www.ester.ee/record=b4616843*est)

**Madalpingelised elektripaigaldised. Osa 7-730, Nõuded eripaigaldistele ja -paikadele. Sisevetesõidukite elektrilised kalda-toiteühendused [Võrguteavik] = Low-voltage electrical installations. Part 7-730, Requirements for special installations or locations. Onshore units of electrical shore connections for inland navigation vessels**

2016 [http://www.ester.ee/record=b4579719\\*est](http://www.ester.ee/record=b4579719*est)

**Madalpingelised elektripaigaldised. Osa 7-753, Nõuded eripaigaldistele ja -paikadele. Küttesüsteemid [Võrguteavik] = Low-voltage electrical installations. Part 7-753, Requirements for special installations or locations. Heating cables and embedded heating systems (IEC 60364-7-753:2014)**

2015 [http://www.ester.ee/record=b4460555\\*est](http://www.ester.ee/record=b4460555*est)

**Madalpingelised lülitusaparaadid**

Lehtla, Tõnu; Risthein, Endel 2009 [https://www.ester.ee/record=b2478893\\*est](https://www.ester.ee/record=b2478893*est)

**Madalpingelised lülitusaparaadid**

Risthein, Endel 2005 [https://www.ester.ee/record=b2112701\\*est](https://www.ester.ee/record=b2112701*est)

**Madalpingelised lülitusaparaadid. Osa 2, Kaitselülitid = Low-voltage switchgear and controlgear. Part 2, Circuit-breakers (IEC 60947-2:2006/A1:2009)**

2012 [https://www.ester.ee/record=b2889103\\*est](https://www.ester.ee/record=b2889103*est)

**Madalpingelised lülitusaparaadid. Osa 2, Kaitselülitid [Võrguteavik] = Low-voltage switchgear and controlgear. Part 2, Circuit-breakers (IEC 60947-2:2016/A1:2019)**

2020 [https://www.ester.ee/record=b5307904\\*est](https://www.ester.ee/record=b5307904*est)

**Madalpingelised lülitusaparaadid. Osa 2, Kaitselülitid [Võrguteavik] = Low-voltage switchgear and controlgear. Part 2, Circuit-breakers (IEC 60947-2:2016+COR1:2016)**

2017 [http://www.ester.ee/record=b4768106\\*est](http://www.ester.ee/record=b4768106*est)

**Madalpingelised lülitusaparaadid. Osa 2, Kaitselülitid [Võrguteavik] = Low-voltage switchgear and controlgear. Part 2, Circuit-breakers (IEC 60947-2:2016+COR1:2016+IEC 60947-2:2016/A1:2019)**

2020 [https://www.ester.ee/record=b5307902\\*est](https://www.ester.ee/record=b5307902*est)

**Madalpingeliste aparaadikoostete tühjad ümbrised : üldnõuded = Empty enclosures for low-voltage switchgear and controlgear assemblies : general requirements (IEC 62208:2011)**

2012 [https://www.ester.ee/record=b2860141\\*est](https://www.ester.ee/record=b2860141*est)

**Madalpingepaigaldistes läheb kaitse elektrilöögi eest järjest nõudlikumaks**

Risthein, Endel Elektriala 2017 / lk. 33 [http://www.ester.ee/record=b1240496\\*est](http://www.ester.ee/record=b1240496*est) [https://artiklid.elnet.ee/record=b2826521\\*est](https://artiklid.elnet.ee/record=b2826521*est)

## **Meilt küsiti paigaldusliistu kasutamise kohta kaitsejuhina**

**Risthein, Endel** Elektriala 2003 / 5, lk. 27 [https://artiklid.elnet.ee/record=b1014078\\*est](https://artiklid.elnet.ee/record=b1014078*est)

## **Numerical simulation of electrothermal effects in ESD protection devices**

Hellstrom, S.; **Freidin, Boris; Velmre, Enn; Udal, Andres** Techn. Dig. of the 3rd European Symposium on Reliability of Electron Devices, Failure Physics and Analysis, 1992, Oct. 5-8, Schwabisch Gmünd, Germany 1992

## **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>

## **Plahvatusohtlikud keskkonnad. Osa 0, Seadmed. Üldnõuded = Explosive atmospheres. Part 0, Equipment. General requirements**

2024 [https://www.ester.ee/record=b5693517\\*est](https://www.ester.ee/record=b5693517*est)

## **Plahvatusohtlikud keskkonnad. Osa 14, Elektripaigaldiste kavandamine, seadmete valik ja paigaldamine, sh esmane ülevaatus = Explosive atmospheres. Part 14, Electrical installation design, selection and installation of equipment, including initial inspection (IEC 60079-14:2024)**

2025 [https://www.ester.ee/record=b5741448\\*est](https://www.ester.ee/record=b5741448*est)

## **Plahvatusohtlikud keskkonnad. Osa 0, Seadmed. Üldnõuded = Explosive atmospheres. Part 0, Equipment. General requirements (IEC 6-0:2007)**

2011 [https://www.ester.ee/record=b2662302\\*est](https://www.ester.ee/record=b2662302*est)

## **Plahvatusohtlikud keskkonnad. Osa 0, Seadmed. Üldnõuded [Võrguteavik] = Explosive atmospheres. Part 0, Equipment. General requirements (IEC 60079-0:2017)**

2019 [https://www.ester.ee/record=b5205408\\*est](https://www.ester.ee/record=b5205408*est)

## **Plahvatusohtlikud keskkonnad. Osa 10-1, Piirkondade liigitus. Plahvatusohtlikud gaaskeskkonnad [Võrguteavik] = Explosive atmospheres. Part 10-1, Classification of areas Explosive gas atmospheres (IEC 60079-10-1:2020)**

2021 [https://www.ester.ee/record=b5417662\\*est](https://www.ester.ee/record=b5417662*est)

## **Plahvatusohtlikud keskkonnad. Osa 10-2, Piirkondade liigitus. Plahvatusohtlikud tolmkeskkonnad [Võrguteavik] = Explosive atmospheres. Part 10-2, Classification of areas. Explosive dust atmospheres (IEC 60079-10-2:2015)**

2015 [http://www.ester.ee/record=b4524212\\*est](http://www.ester.ee/record=b4524212*est)

## **Plahvatusohtlikud keskkonnad. Osa 17, Elektripaigaldiste kontroll ja korrashoid = Explosive atmospheres. Part 17, Electrical installations inspection and maintenance (IEC 60079-17:2007)**

2012 [https://www.ester.ee/record=b2889204\\*est](https://www.ester.ee/record=b2889204*est)

## **Protection and control implementation for bidirectional step-up/down partial power converter for droop-controlled DC microgrids**

**Yadav, Neelesh; Chub, Andrii; Hassanpour, Naser; Blinov, Andrei; Vinnikov, Dmitri** IEEE transactions on industry applications 2025 / 11 p <https://doi.org/10.1109/TIA.2025.3561767>

## **Puutevoolu ja kaitsejuhivoolu mõõtemetodid**

Treufeld, Jüri; **Risthein, Endel** 2006 [https://www.ester.ee/record=b2223222\\*est](https://www.ester.ee/record=b2223222*est)

## **Puutevoolu ja kaitsejuhivoolu mõõtemetodid [Võrguteavik] = Methods of measurement of touch current and protective conductor current (IEC 60990:2016)**

2017 [http://www.ester.ee/record=b4768134\\*est](http://www.ester.ee/record=b4768134*est)

## **Review of isolated matrix inverters : topologies, modulation methods and applications**

**Korkh, Oleksandr; Blinov, Andrei; Vinnikov, Dmitri; Chub, Andrii** Energies 2020 / art. 2394, 30 p. : ill  
<https://doi.org/10.3390/en13092394> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **Rikkevoolukaitse**

**Teemets, Raivo** 2004 [https://www.ester.ee/record=b1961658\\*est](https://www.ester.ee/record=b1961658*est)

**Rikkevoolukaitse**

**Teemets, Raivo** Ehitaja 1996 / 8, lk. 69-70: ill

**Rõhuklapid**

**Ševtšenko, Larissa**; Parik, Ellen Elektriala 2010 / 4, lk. 18-19 : ill [https://artiklid.elnet.ee/record=b2158770\\*est](https://artiklid.elnet.ee/record=b2158770*est)

**Series-parallel resonant current-source DC-DC converter with wide output voltage range**

**Blinov, Andrei; Carvalho da Silva, Edivan Laercio; Verbytskyi, Ievgen; Vinnikov, Dmitri** 2024 IEEE 18th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) 2024 / 6 p <https://doi.org/10.1109/CPE-POWERENG60842.2024.10604346>

**Soft-switching capability analysis of a qZSI-based DC/DC converter**

**Zakis, Janis; Vinnikov, Dmitri; Roasto, Indrek** BEC 2010 : 2010 12th Biennial Baltic Electronics Conference : proceedings of the 12th Biennial Baltic Electronics Conference : Tallinn University of Technology, October 4-6, 2010, Tallinn, Estonia 2010 / p. 301-304 : ill

**Switched-capacitor current-fed quasi-Z-source inverter**

**Chub, Andrii; Husev, Oleksandr; Zakis, Janis; Rabkowski, Jacek** BEC 2014 : 2014 14th Biennial Baltic Electronics Conference : proceedings of the 14th Biennial Baltic Electronics Conference : Tallinn University of Technology, October 6-8, 2014, Tallinn, Estonia 2014 / p. 229-232 : ill

**Zero-current switching impedance-source DC-DC converter**

**Korkh, Oleksandr; Blinov, Andrei; Chub, Andrii; Vinnikov, Dmitri** IECON 2019 - 45th Annual Conference of the IEEE Industrial Electronics Society : proceedings 2019 / p. 5051-5056 <https://doi.org/10.1109/IECON.2019.8927614> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Televisiooni-, heli- ja interaktiivse multimeedia signaalide kaabeljaotussüsteemid**

**Taklaja, Andres; Schults, Eduard** 1999 [https://www.ester.ee/record=b1331971\\*est](https://www.ester.ee/record=b1331971*est)

**Tühjad ümbrised madalpinge lülitus- ja juhtaparaadikoostetele : üldnõuded = Empty enclosures for low-voltage switchgear and controlgear assemblies : general requirements (IEC 62208:2023)**

2023 [https://www.ester.ee/record=b5641220\\*est](https://www.ester.ee/record=b5641220*est)

**Variability of high voltage circuit breaker performance parameters for condition monitoring**

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**Анализ и измерение мощности рассеяния в полупроводниковых переключающих приборах**

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