

Bidirectional isolated ZVS DC-DC converter with auxiliary active switch for high-power energy storage applications

Ivakhno, Volodymyr; Zamaruev, Volodymyr; Styslo, Bogdan; **Kosenko, Roman; Blinov, Andrei** 2017 IEEE First Ukraine Conference on Electrical and Computer Engineering (UKRCON) : May 29 - June 2, 2017, Kyiv, Ukraine : conference proceedings 2017 / p. 589-592 : ill <https://doi.org/10.1109/UKRCON.2017.8100315>

Comparison and verification of boost control methods for full soft-switching bidirectional current-fed isolated full-bridge DC-DC converter [Online resource]

Kosenko, Roman; Chub, Andrii; Blinov, Andrei 2016 II International Young Scientists Forum on Applied Physics and Engineering (YSF-2016) : forum proceedings 2016 / p. 6-9 : ill <https://doi.org/10.1109/YSF.2016.7753748>

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

Blinov, Andrei; Vinnikov, Dmitri; Ivakhno, Volodymyr; Zamaruev, Volodymyr; Styslo, 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 : in <https://doi.org/10.20998/2409-9295.2019.20.02>

Experimental verification of a two-stage bidirectional DC/DC converter with separated commutation and asymmetrical structure of current-source stage

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Feasibility study of cascading of full soft-switching current-fed naturally clamped DC-DC converters

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Full soft-switching bidirectional current-fed DC-DC converter

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Full soft-switching bidirectional isolated current-fed dual inductor push-pull DC-DC converter for battery energy storage applications [Online resource]

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Improved modulation method for full-bridge AC-DC HF-link converter

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A novel isolated Buck-Boost DC-DC converter with wide range of voltage regulations

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A three-phase full soft-switching current-fed naturally clamped DC-DC converter for high-power energy storage applications

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A three-phase full soft-switching current-fed naturally clamped DC-DC converter for high-power fuel cell applications

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