Black start and fault tolerant operation of isolated matrix converter for DC microgrids

Emiliani, Pietro; **Blinov, Andrei**; **Chub, Andrii**; de Carne, Giovanni; **Vinnikov, Dmitri** IECON 2022 - 48th Annual Conference of the IEEE Industrial Electronics Society 2022 / 5 p <u>https://doi.org/10.1109/IECON49645.2022.9968735</u> <u>Conference proceedings at Scopus</u> <u>Article at Scopus</u>

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

Chub, Andrii; Kosenko, Roman; Blinov, Andrei 2016 2nd International Conference on Intelligent Energy and Power Systems (IEPS) : Kyiv, Ukraine, June 7-11, 2016 : conference proceedings 2016 / [5] p. : ill <u>https://doi.org/10.1109/IEPS.2016.7521884</u>

A three-phase full soft-switching current-fed naturally clamped DC-DC converter for high-power fuel cell applications Kosenko, Roman; Chub, Andrii; Blinov, Andrei 2016 2nd International Conference on Intelligent Energy and Power Systems (IEPS) : Kyiv, Ukraine, June 7-11, 2016 : conference proceedings 2016 / [5] p. : ill https://doi.org/10.1109/IEPS.2016.7521882

A three-phase unfolding-based PFC topology with two inductors for electric vehicles battery charging Mohseni, Parham; Husev, Oleksandr; Vinnikov, Dmitri; Matiushkin, Oleksandr; Vosoughi Kurdkandi, Naser 2023 IEEE 64th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON), Riga, Latvia, October 9-10, 2023 : conference proceedings 2023 / 6 p https://doi.org/10.1109/RTUCON60080.2023.10413182