Bidirectional SSCB for residential DC microgrids with reduced voltage and current stress during fault interruption

Aditya, P.; Banavath, Satish Naik; Lidozzi, Alessandro; **Chub, Andrii**; **Vinnikov, Dmitri** 2023 IEEE 17th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) 2023 / 6 p <a href="https://doi.org/10.1109/CPE-POWERENG58103.2023.10227379">https://doi.org/10.1109/CPE-POWERENG58103.2023.10227379</a>

## Design issues of SSCBs for residential DC microgrid

**Jalakas, Tanel**; **Chub, Andrii**; **Roasto, Indrek**; **Vinnikov, Dmitri** 2024 IEEE 65th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON) 2024 / 6 p https://doi.org/10.1109/RTUCON62997.2024.10830826

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