High-efficient switched-capacitor step-up DC-DC converter with partial power processing

Toebe, Ademir; Bulegon Löbler, Pedro Henrique; **Dos Santos, Niwton Gabriel Feliciani**; Beltrame, Rafael Concatto; Schuch, Luciano; Rech, Cassiano IECON 2025 – 51st Annual Conference of the IEEE Industrial Electronics Society 2025 / 6 p https://doi.org/10.1109/IECON58223.2025.11221931

Switched-capacitor resonant DC–DC converter with differential power processing for stacked servers in data center applications

Dos Santos, Niwton Gabriel Feliciani; **Carvalho, Edivan Laercio**; **Chub, Andrii** IECON 2025 – 51st Annual Conference of the IEEE Industrial Electronics Society 2025 / 6 p https://doi.org/10.1109/IECON58223.2025.11221655

A topology morphing partial power converter with variable turns ratio for integration of on-board battery chargers with DC buildings

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