

Title (en)
DEVICE FOR ELECTRON ENERGY TRANSFER

Title (de)
VORRICHTUNG FÜR DIE ELEKTROENERGIEÜBERTRAGUNG

Title (fr)
DISPOSITIF DE TRANSMISSION D'ENERGIE ELECTRIQUE

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Application
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Abstract (en)
[origin: WO2007028350A1] The invention relates to a device for electron energy transfer (1, 39) which comprises at least one current converter (4, 6, 40). Every current converter (4, 6, 40) has phase elements (10, 11, 12, 13, 14, 15, 27, 28, 29) with at least one series connection of circuit elements (10a...10i, 11a...11i, 12a...12i, 13a...13i, 14a...14i, 15a...15i, 10a'...10i', 11a'...11i', 12a'...12i') each that comprise at least two turn-off power conductors (22, 23) each and at least two free-wheeling diodes (24, 25), each connected in parallel thereto, and energy storing means (26). The aim of the invention is to improve the transfer properties in or between power distribution networks. For this purpose, the phase elements (27, 28, 29) comprise at least two respective parallel branches (7, 7'), connected in series thereto and having a respective series connections of circuit elements (10a...10i, 11a...11i, 12a...12i, 13a...13i, 14a...14i, 15a...15i, 10a'...10i', 11a'...11i', 12a'...12i').

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