

Title (en)

SYSTEM FOR FEEDING ELECTRICITY TO AN ELECTRICAL GRID, AND METHOD FOR OPERATING A SYSTEM OF SAID TYPE

Title (de)

SYSTEM ZUR EINSPEISUNG ELEKTRISCHER ENERGIE IN EIN STROMVERSORGUNGSNETZ UND BETRIEBSVERFAHREN FÜR EIN SOLCHES SYSTEM

Title (fr)

SYSTÈME D'INJECTION D'UNE ÉNERGIE ÉLECTRIQUE DANS UN RÉSEAU D'ALIMENTATION EN COURANT ET PROCÉDÉ DE FONCTIONNEMENT POUR SYSTÈME DE CE TYPE

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Application

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Abstract (en)

[origin: WO2015176789A1] The invention relates to a system (1) for feeding electricity to an electrical grid (2), said system (1) comprising an electrical DC link (10), to the input side of which a plurality of generators (12, 14) and/or current accumulators (16) can each be connected via one respective electronic power converter (22, 24, 26), and the output side of which can be connected to the electrical grid (2) via an electronic power converter (20) at the output end. The system (1) further comprises a voltage supply unit (42) for operating at least some of the electrical components and operating means of the system (1), the voltage supply unit (42) being connected to and being fed by the electrical DC link (10). Also disclosed is a method for operating a system of said type.

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