

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

Publication

**EP 3146607 A1 20170329 (DE)**

Application

**EP 15720261 A 20150417**

Priority

- DE 102014007640 A 20140522
- EP 2015000806 W 20150417

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.

IPC 8 full level

**H02J 3/38** (2006.01)

CPC (source: EP US)

**H02J 3/38** (2013.01 - EP US); **H02J 3/381** (2013.01 - EP US); **H02J 3/388** (2020.01 - EP US); **H02J 2300/20** (2020.01 - EP US)

Citation (search report)

See references of WO 2015176789A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**DE 102014007640 A1 20151126**; EP 3146607 A1 20170329; WO 2015176789 A1 20151126

DOCDB simple family (application)

**DE 102014007640 A 20140522**; EP 15720261 A 20150417; EP 2015000806 W 20150417