

Title (en)
DC/DC/AC CONVERTER SYSTEM

Title (de)
GLEICHSTROM-GLEICHSTROM-WECHSELSTROM-UMRICHTERSYSTEM

Title (fr)
SYSTÈME DE CONVERTISSEUR CC/CC/CA

Publication
EP 3286826 A1 20180228 (EN)

Application
EP 16732784 A 20160421

Priority
• PL 41210415 A 20150424
• PL 2016050014 W 20160421

Abstract (en)
[origin: WO2016171575A1] The object of the invention is a DC/DC/AC converter system converting energy from renewable energy sources (1), in particular from photovoltaic panels, comprising an input filter (2) connected with a voltage converter (3) that is in turn connected with the charge storage system (4), and then the system is connected with a transistor bridge (5) followed by a low pass filter (6), an output filter (7) and to the grid connection (8), characterised in that the low pass filter (6) is a magnetically coupled inductor.

IPC 8 full level
H02M 1/14 (2006.01); **H02J 3/38** (2006.01); **H02M 1/12** (2006.01); **H02M 1/44** (2007.01); **H02M 3/156** (2006.01); **H02M 7/5387** (2007.01)

CPC (source: EP US)
H02J 3/381 (2013.01 - EP US); **H02M 1/126** (2013.01 - EP); **H02M 1/14** (2013.01 - EP US); **H02M 1/44** (2013.01 - EP); **H02M 3/156** (2013.01 - EP); **H02M 7/5387** (2013.01 - EP); **H02J 2300/24** (2020.01 - EP US); **H02M 1/007** (2021.05 - EP); **H02M 1/36** (2013.01 - EP); **H02M 3/33584** (2013.01 - EP); **Y02E 10/56** (2013.01 - EP)

Citation (search report)
See references of WO 2016171575A1

Cited by
CN111900754A

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)
WO 2016171575 A1 20161027; EP 3286826 A1 20180228; PL 229067 B1 20180629; PL 412104 A1 20161107

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PL 2016050014 W 20160421; EP 16732784 A 20160421; PL 41210415 A 20150424