

Title (en)

SOLAR POWER GENERATION, DISTRIBUTION, AND COMMUNICATION SYSTEM

Title (de)

SYSTEM ZUR ERZEUGUNG, VERTEILUNG UND ÜBERTRAGUNG VON SONNENENERGIE

Title (fr)

GÉNÉRATION, DISTRIBUTION D'ÉNERGIE SOLAIRE, ET SYSTÈME DE COMMUNICATION

Publication

EP 3192103 A1 20170719 (EN)

Application

EP 15770749 A 20150914

Priority

- US 201414484488 A 20140912
- US 2015049933 W 20150914

Abstract (en)

[origin: WO2016040929A1] A solar panel (100a) is disclosed that can be daisy-chained with other solar panels (100b-100n). The solar panel (100a) automatically generates output alternative current (AC) power (195a) that is in parallel with input AC power (112a) coming into the solar panel (100a) when the solar panel (100a) senses the input AC power (112a) so that the solar panel (100a) operates as a slave in this state. The solar panel (100a) automatically generates standalone AC output power (195a) when the solar panel fails to detect input AC power (112a) coming into the solar panel (100a) where the solar panel (100a) operates as a master in this state. The solar panel (100a) generates the standalone output AC power (195a) without any reliance on input AC power (112a) generated by a utility grid and/or other AC power sources external to the solar panel (100a).

IPC 8 full level

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CPC (source: CN EP KR US)

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Citation (search report)

See references of WO 2016040929A1

Cited by

CN111478422A

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 2016040929 A1 20160317; AU 2015314709 A1 20170413; BR 112017004996 A2 20180123; CA 2961202 A1 20160317; CN 107210620 A 20170926; EP 3192103 A1 20170719; KR 20170082508 A 20170714; MX 2017003296 A 20171122; PH 12017500468 A1 20170731; TW 201626676 A 20160716

DOCDB simple family (application)

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