

Title (en)

ELECTRICAL POWER DISTRIBUTOR AND METHOD FOR DISTRIBUTING ELECTRICAL POWER

Title (de)

ELEKTRISCHER LEISTUNGSVERTEILER UND VERFAHREN ZUM VERTEILEN ELEKTRISCHER LEISTUNG

Title (fr)

DISTRIBUTEUR DE PUISSANCE ÉLECTRIQUE ET PROCÉDÉ DE DISTRIBUTION DE PUISSANCE ÉLECTRIQUE

Publication

**EP 3238314 A1 20171101 (DE)**

Application

**EP 15813336 A 20151215**

Priority

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- EP 2015079767 W 20151215

Abstract (en)

[origin: WO2016102241A1] The present invention relates to an electrical power distributor (2000) for an electrical grid, and to a method for distributing electrical power in an electrical grid. The method comprises: connecting at least three sources (3000) and sinks (1000) for electrical energy, each having a terminal of a distribution circuit, wherein the terminals of the distribution circuit are electrically connected to one another such that an electrical current can flow from each of the terminals to each of the other terminals; receiving data from the sources (3000) or sinks (1000); calculating the electrical power  $P(t)$  flowing via each of the terminals according to time  $t$  and according to the data received from the sources (3000) and sinks (1000); and controlling the electrical power  $P(t)$  flowing at a time  $t$  via each of the terminals by means of a respective power controller connected to the terminal.

IPC 8 full level

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CPC (source: CN EP US)

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Citation (search report)

See references of WO 2016102241A1

Designated contracting state (EPC)

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**DE 102014119431 A1 20160623**; **DE 102014119431 A9 20161124**; BR 112017008706 A2 20171226; CN 107112754 A 20170829; EP 3238314 A1 20171101; MX 2017006120 A 20171024; US 10361564 B2 20190723; US 2017353032 A1 20171207; WO 2016102241 A1 20160630

DOCDB simple family (application)

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