

Title (en)

METHOD FOR PROVIDING CONTROL POWER FOR A POWER NETWORK

Title (de)

VERFAHREN ZUR BEREITSTELLUNG VON REGELLEISTUNG FÜR EIN STROMNETZ

Title (fr)

PROCÉDÉ POUR METTRE À DISPOSITION UNE PUISSANCE DE RÉGULATION DANS UN RÉSEAU ÉLECTRIQUE

Publication

EP 2777123 A1 20140917 (DE)

Application

EP 12781075 A 20121029

Priority

- DE 102011055252 A 20111110
- EP 2012071348 W 20121029

Abstract (en)

[origin: WO2013068258A1] The invention relates to a method for providing control power for a power network, in which the magnitude of the provided control power is determined as a function of a deviation of the actual alternating current frequency from a target alternating current frequency of the power network. According to the invention, the provision of the control power for increasing the yield is carried out in a pulsed manner, wherein the control power provided in a certain time interval from a pulsed operation corresponds to the control energy that is to be provided in the same time interval during a continuous operation of the source of the control power.

IPC 8 full level

H02J 3/32 (2006.01); **H02J 7/00** (2006.01)

CPC (source: EP US)

H02J 3/241 (2020.01 - EP US); **H02J 3/32** (2013.01 - EP US); **H02J 7/00711** (2020.01 - EP US); **Y02B 70/3225** (2013.01 - EP); **Y04S 20/222** (2013.01 - EP)

Citation (search report)

See references of WO 2013068258A1

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

DOCDB simple family (publication)

DE 102011055252 A1 20130516; EP 2777123 A1 20140917; US 2014309801 A1 20141016; WO 2013068258 A1 20130516

DOCDB simple family (application)

DE 102011055252 A 20111110; EP 12781075 A 20121029; EP 2012071348 W 20121029; US 201214357273 A 20121029