

Title (en)

SYSTEM AND METHOD FOR PREDICTING SOLAR POWER GENERATION

Title (de)

SYSTEM UND VERFAHREN ZUR VORHERSAGE VON WINDENERGIEERZEUGUNG

Title (fr)

SYSTÈME ET PROCÉDÉ DE PRÉDICTION DE GÉNÉRATION SOLAIRE D'ÉLECTRICITÉ

Publication

**EP 3271875 A1 20180124 (EN)**

Application

**EP 16710248 A 20160317**

Priority

- GB 201504505 A 20150317
- EP 2016055889 W 20160317

Abstract (en)

[origin: WO2016146788A1] A system and a method for predicting the power output from a network of solar power generators, which includes measuring the power output of the network; storing the measured power output of the network; and predicting an expected power output of the network. The prediction of subsequent power output includes generating a power attenuation map; calculating a dynamic flow map for power attenuation based on a plurality of sequentially generated power attenuation maps; and predicting the expected power output of the network based on the measured power output and the dynamic flow map for power attenuation.

IPC 8 full level

**G06Q 10/04** (2012.01); **G06Q 50/06** (2012.01)

CPC (source: EP US)

**G06Q 10/04** (2013.01 - EP US); **G06Q 50/06** (2013.01 - EP); **Y04S 10/50** (2013.01 - EP)

Citation (search report)

See references of WO 2016146788A1

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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DOCDB simple family (application)

**EP 2016055889 W 20160317**; EP 16710248 A 20160317; GB 201504505 A 20150317