

Title (en)

METHOD FOR GENERATING ELECTRIC ENERGY BY MEANS OF FLUCTUATING RENEWABLE ENERGY SOURCES

Title (de)

VERFAHREN ZUR ERZEUGUNG VON ELEKTRISCHER ENERGIE MITHILFE SCHWANKENDER ERNEUERBARER ENERGIEQUELLEN

Title (fr)

PROCÉDÉ DE GÉNÉRATION D'ÉNERGIE ÉLECTRIQUE À L'AIDE DE SOURCES D'ÉNERGIE RENOUVELABLE FLUCTUANTES

Publication

**EP 3286282 A1 20180228 (EN)**

Application

**EP 16718607 A 20160331**

Priority

- DE 102015207478 A 20150423
- EP 2016057125 W 20160331

Abstract (en)

[origin: WO2016169744A1] In a method for generating electric energy by means of fluctuating renewable energy sources the excess energy obtained during the generation of energy is utilized for the long-time storage, in particular for the seasonal storage, by conversion of water and/or carbon sources into storable energy carriers in the form of chemical media for the generation of backup energy to be fed into an electric energy supply network as required.

IPC 8 full level

**C10B 53/02** (2006.01); **C10G 2/00** (2006.01); **C10L 3/08** (2006.01); **C25B 1/04** (2006.01); **H02J 3/28** (2006.01)

CPC (source: EP US)

**C10B 53/02** (2013.01 - EP US); **C10G 2/32** (2013.01 - EP); **C10L 3/08** (2013.01 - EP); **C25B 1/04** (2013.01 - EP); **H02J 3/381** (2013.01 - EP US); **H02J 7/28** (2013.01 - EP); **H02J 7/345** (2013.01 - EP); **H02J 15/008** (2020.01 - EP US); **H02J 2300/10** (2020.01 - EP); **H02J 2300/30** (2020.01 - EP US); **H02J 2300/40** (2020.01 - EP); **Y02E 50/10** (2013.01 - EP); **Y02E 50/30** (2013.01 - EP); **Y02E 60/36** (2013.01 - EP); **Y02E 70/30** (2013.01 - EP); **Y02P 20/133** (2015.11 - EP)

Citation (search report)

See references of WO 2016169744A1

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 2016169744 A1 20161027**; DE 102015207478 A1 20161027; EP 3286282 A1 20180228

DOCDB simple family (application)

**EP 2016057125 W 20160331**; DE 102015207478 A 20150423; EP 16718607 A 20160331