

Title (en)

ASSEMBLY OF A SYSTEM FOR GENERATING A DIRECT CURRENT OR AN ALTERNATING CURRENT, AND SYSTEM FOR GENERATING A DIRECT CURRENT OR AN ALTERNATING CURRENT

Title (de)

BAUGRUPPE EINER ANLAGE ZUM ERZEUGEN EINES GLEICHSTROMS ODER EINES WECHSELSTROMS UND ANLAGE ZUM ERZEUGEN EINES GLEICHSTROMS ODER EINES WECHSELSTROMS

Title (fr)

MODULE D'UNE INSTALLATION POUR PRODUIRE UN COURANT CONTINU OU UN COURANT ALTERNATIF ET INSTALLATION POUR PRODUIRE UN COURANT CONTINU OU UN COURANT ALTERNATIF

Publication

EP 2850714 A2 20150325 (DE)

Application

EP 13730100 A 20130515

Priority

- DE 102012009761 A 20120516
- DE 102012015203 A 20120803
- EP 2013001431 W 20130515

Abstract (en)

[origin: WO2013170958A2] The invention relates to an assembly of a system for generating a direct current or an alternating current, having at least a first section and a second section, wherein the first section has at least two energy generators which are connected in series and the second section has at least one energy generator, wherein at least the energy generators of the first section generate a direct current from electromagnetic radiation, thermal radiation, fluid flows or biomass or are fuel cells which generate direct current, wherein the first section and the second section are connected in parallel to an input of a connection box and the connection box has a step-up converter with which the input DC voltage which is applied to the input of the connection box by connection to the first section and to the second section is converted into an output DC voltage which is produced at an output of the connection box, wherein the output DC voltage is higher than the input DC voltage.

IPC 8 full level

H02J 3/38 (2006.01); **H02G 3/08** (2006.01); **H02J 1/08** (2006.01); **H02J 1/12** (2006.01)

CPC (source: EP US)

H02J 3/381 (2013.01 - EP US); **H02J 3/46** (2013.01 - EP US); **H02J 1/08** (2013.01 - EP US); **H02J 1/12** (2013.01 - EP US); **H02J 2300/22** (2020.01 - EP US); **H02J 2300/24** (2020.01 - EP US); **Y02E 10/56** (2013.01 - EP); **Y02P 80/20** (2015.11 - EP)

Citation (search report)

See references of WO 2013170958A2

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 2013170958 A2 20131121; **WO 2013170958 A3 20140109**; DE 202013011142 U1 20140131; EP 2850714 A2 20150325

DOCDB simple family (application)

EP 2013001431 W 20130515; DE 202013011142 U 20130515; EP 13730100 A 20130515