

Title (en)

DEVICE FOR THE CONVERSION OF LIGHT RADIATION INTO ELECTRIC ENERGY

Title (de)

VORRICHTUNG ZUR UMWANDLUNG VON LICHTSTRAHLUNG IN ELEKTRISCHE ENERGIE

Title (fr)

DISPOSITIF DE CONVERSION DE RAYONNEMENT LUMINEUX EN ÉNERGIE ÉLECTRIQUE

Publication

**EP 3743996 A1 20201202 (EN)**

Application

**EP 18833293 A 20181128**

Priority

- MT P4384 A 20171128
- IB 2018059394 W 20181128

Abstract (en)

[origin: WO2019106554A1] The device (1) for the conversion of light radiation into electric energy comprises: - a hollow body (2) provided with an input opening (3) adapted to allow light radiation (4) to enter, and with at least one reflective inner wall (5) adapted to reflect the light radiation (4) inside the hollow body (2); - at least one optoelectronic unit (7) comprising at least one LED junction (8) associated with the inner wall (5) and facing inside the hollow body (2) to receive the light radiation (4) for the production of electric energy; - electrical connection means associated with the optoelectronic unit (7) adapted to electrically connect the device at output.

IPC 8 full level

**H02S 40/22** (2014.01)

CPC (source: EP)

**H02S 40/22** (2014.12); **Y02E 10/52** (2013.01)

Citation (search report)

See references of WO 2019106554A1

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 2019106554 A1 20190606**; EP 3743996 A1 20201202

DOCDB simple family (application)

**IB 2018059394 W 20181128**; EP 18833293 A 20181128