

Title (en)

PORTABLE SELF-CONTAINED PHOTOVOLTAIC SOLAR DEVICE

Title (de)

TRAGBARE, UNABHÄNGIGE PHOTOVOLTAISCHE SOLARVORRICHTUNG

Title (fr)

DISPOSITIF SOLAIRE PHOTOVOLTAÏQUE AUTONOME PORTABLE

Publication

EP 2279373 A2 20110202 (FR)

Application

EP 08873753 A 20081215

Priority

- EP 2008067533 W 20081215
- CH 4812008 A 20080401

Abstract (en)

[origin: WO2009121436A2] The invention relates to a portable self-contained photovoltaic device that includes: a hollow cylindrical substrate having two parts (1, 2) that are substantially coaxial and assembled together; a flexible rolled-up photovoltaic collector (5); a battery (4) mounted inside the first (1) of the said parts and designed to store the electrical energy produced by the said photovoltaic collector (5); an electronic control circuit (3) for managing the charge of the battery, mounted in said first part (1); several LED lamps (8) arranged inside said rolled-up photovoltaic collector and inside the second (2) of said parts.

IPC 8 full level

F21L 4/08 (2006.01); **H01L 31/042** (2006.01); **H01L 31/058** (2006.01); **H02J 7/00** (2006.01); **H02J 7/35** (2006.01); **H02S 30/20** (2014.01)

CPC (source: EP US)

F21L 4/027 (2013.01 - EP US); **F21L 4/085** (2013.01 - EP US); **H02S 10/40** (2014.12 - EP US); **H02S 30/20** (2014.12 - EP US); **H02S 40/38** (2014.12 - EP US); **F21S 9/03** (2013.01 - EP US); **F21Y 2115/10** (2016.07 - EP US); **Y02E 10/50** (2013.01 - EP); **Y02E 70/30** (2013.01 - EP)

Citation (search report)

See references of WO 2009121436A2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

WO 2009121436 A2 20091008; **WO 2009121436 A3 20101021**; CH 706019 B1 20130731; CN 102047026 A 20110504; CN 102047026 B 20130327; EP 2279373 A2 20110202; US 2011017262 A1 20110127; US 8823315 B2 20140902

DOCDB simple family (application)

EP 2008067533 W 20081215; CH 4812008 A 20080401; CN 200880129596 A 20081215; EP 08873753 A 20081215; US 89444710 A 20100930