

Title (en)

A PORTABLE, WATERPROOF SOLAR POWERED CHARGER

Title (de)

TRAGBARES UND WASSERDICHTES SOLARBETRIEBENES LADEGERÄT

Title (fr)

CHARGEUR À ÉNERGIE SOLAIRE, PORTABLE ET IMPERMÉABLE

Publication

**EP 2847848 A4 20160106 (EN)**

Application

**EP 13787015 A 20130508**

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- US 2013040225 W 20130508

Abstract (en)

[origin: WO2013169958A1] The present invention relates to methods, tools and systems for manufacturing a durable and portable power-conditioned personal solar system charging apparatus. Various voltage and amperage matching algorithms are manipulated to particularize the personal solar system to power and/or charge an intended portable device or a set of intended portable devices having direct current (DC) load requirements. The optimized personal solar system that is matched to an intended device allows direct coupling to the intended device without the use of an internal battery or ancillary electronic circuit boards to distract the personal solar system output, and facilitates "fast" charging modes.

IPC 8 full level

**H02J 7/35** (2006.01); **H01L 31/048** (2006.01)

CPC (source: CN EP US)

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Citation (search report)

- [XY] US 2011199040 A1 20110818 - ENGLISH PETER [US], et al
- [Y] WO 2009158717 A2 20091230 - SUNPOWER CORP [US], et al
- [Y] EP 2402864 A2 20120104 - SAMSUNG ELECTRONICS CO LTD [KR]
- See references of WO 2013169959A1

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

DOCDB simple family (publication)

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