

Title (en)

PANEL FORM PHOTOVOLTAIC FRAMELESS SOLAR MODULE

Title (de)

PHOTOVOLTAISCHES RAHMENLOSES SOLARMODUL IN PLATTENFORM

Title (fr)

MODULE SOLAIRE PHOTOVOLTAIQUE SANS CADRE, EN FORME DE PANNEAU

Publication

EP 1958265 A2 20080820 (DE)

Application

EP 06846935 A 20061130

Priority

- DE 2006002117 W 20061130
- DE 102005057468 A 20051130

Abstract (en)

[origin: DE102005057468A1] A plate-shaped photovoltaic solar module (1) comprises solar cells (3) for a planar or curved solar module embedded between a cover (2) and rear (4) side material. A light strengthening structure (5) is partly or completely stuck onto the rear side and acts as a support frame structure (6), either partially or completely, at two sides.

IPC 8 full level

H01L 31/042 (2006.01)

CPC (source: EP KR US)

F24S 25/40 (2018.04 - EP US); **H01L 31/048** (2013.01 - EP US); **H02S 20/00** (2013.01 - EP KR US); **F24S 2025/801** (2018.04 - EP US); **F24S 2080/09** (2018.04 - EP US); **Y02E 10/47** (2013.01 - EP US); **Y02E 10/50** (2013.01 - EP US)

Citation (search report)

See references of WO 2007062633A2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

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DOCDB simple family (application)

DE 102005057468 A 20051130; DE 2006002117 W 20061130; EP 06846935 A 20061130; KR 20087015987 A 20080630; US 8591806 A 20061130