Title (en)

SOLAR MODULE WITH NATURAL-MATERIAL LAMINATION AND ALSO METHOD FOR MANUFACTURING THE SAME

Title (de)

SOLARMODUL MIT NATURMATERIALKASCHIERUNG SOWIE VERFAHREN ZUM FERTIGEN DESSELBEN

Title (fr)

MODULE SOLAIRE À STRATIFICATION DE MATÉRIAU NATUREL ET SON PROCÉDÉ DE FABRICATION

Publication

EP 4226428 A1 20230816 (DE)

Application

EP 21787461 A 20211007

Priority

- DE 202020004239 U 20201008
- EP 2021077693 W 20211007

Abstract (en)

[origin: WO2022074117A1] A description is given of a solar module (1) having an energy converter (2) for converting light (3) into electrical or thermal energy, and having a layer (4) of natural material. The layer (4) of natural material has a layer thickness of between 1 µm und 2 mm and, inter alia, can impart an aesthetically pleasing appearance to the solar module (1).

IPC 8 full level

H01L 31/048 (2014.01); **B32B 9/00** (2006.01); **F24S 20/00** (2018.01); **F24S 20/60** (2018.01); **H02S 20/20** (2014.01); **H02S 20/26** (2014.01)

CPC (source: EP)

B32B 9/002 (2013.01); **B32B 9/045** (2013.01); **B32B 17/10** (2013.01); **B32B 21/08** (2013.01); **B32B 27/283** (2013.01); **B32B 27/306** (2013.01); **B32B 27/32** (2013.01); **B32B 27/40** (2013.01); **H01L 31/048** (2013.01); **H02S 20/26** (2014.12); B32B 2250/05 (2013.01); B32B 2307/206 (2013.01); B32B 2307/414 (2013.01); B32B 2307/732 (2013.01); B32B 2457/12 (2013.01); F24S 20/66 (2018.04); F24S 21/00 (2018.04); Y02B 10/10 (2013.01); Y02B 10/20 (2013.01); Y02E 10/50 (2013.01)

Citation (search report)

See references of WO 2022074117A1

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

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

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