

Title (en)

MULTIFUNCTIONAL DEVICE FOR STRUCTURING LARGE FORMAT MODULES

Title (de)

MULTIFUNKTIONELLE VORRICHTUNG ZUR STRUKTURIERUNG GROSSFORMATIGER MODULE

Title (fr)

DISPOSITIF MULTIFONCTIONNEL POUR STRUCTURER DES MODULES DE GRAND FORMAT

Publication

EP 2861372 A1 20150422 (EN)

Application

EP 13727107 A 20130530

Priority

- CH 8272012 A 20120613
- EP 2013061155 W 20130530

Abstract (en)

[origin: WO2013186057A1] The present invention relates to a multifunctional device (1) for structuring large format modules, in particular solar modules, comprising means (20, 21) for holding and displacing a large format module (TFM) and at least one laser head (31, 32, 33, 34) for structuring the surface (S) of the large format module (TFM), the at least one laser head (31, 32, 33, 34) being arranged in a way movable with respect to the large format module (TFM), in which device at least one laser source (41, 42, 43, 44) is positioned at a fixed position, the laser beams being supplied from the at least one laser source (41, 42, 43, 44) to the at least one laser head (31, 32, 33, 34) by means of a fibre-based guide (51, 52, 53, 54). The present invention also relates to a corresponding method for structuring large format modules.

IPC 8 full level

B23K 26/08 (2014.01); **B23K 26/00** (2014.01)

CPC (source: CN EP)

B23K 26/0006 (2013.01 - EP); **B23K 26/0876** (2013.01 - CN EP); **B23K 26/355** (2018.07 - CN EP); **B23K 2103/56** (2018.07 - EP)

Citation (search report)

See references of WO 2013186057A1

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 2013186057 A1 20131219; CN 104520053 A 20150415; EP 2861372 A1 20150422

DOCDB simple family (application)

EP 2013061155 W 20130530; CN 201380030572 A 20130530; EP 13727107 A 20130530