

Title (en)

METHOD AND PRODUCTION SYSTEM FOR PRODUCING A PHOTOVOLTAIC MODULE, AND PHOTOVOLTAIC MODULE

Title (de)

VERFAHREN UND HERSTELLUNGSANLAGE ZUR HERSTELLUNG EINES PHOTOVOLTAIKMODULS SOWIE PHOTOVOLTAIKMODUL

Title (fr)

PROCÉDÉ ET INSTALLATION DE FABRICATION D'UN MODULE PHOTOVOLTAÏQUE ET MODULE PHOTOVOLTAÏQUE

Publication

EP 2862203 A2 20150422 (DE)

Application

EP 13731090 A 20130618

Priority

- DE 102012105329 A 20120619
- DE 102012106661 A 20120723
- EP 2013062633 W 20130618

Abstract (en)

[origin: WO2013189932A2] A method for producing a photovoltaic module (100) comprises: - providing a layer stack (101), comprising a first electrically conductive layer (102), an absorber (103), and a second electrically conductive layer (104) on a substrate (105), and the following: - cutting through the first layer (102), the absorber (103), and the second layer (104) and forming a first trench (106) in the process, - cutting through the second layer (104) and the absorber (103), - cutting through at least the second layer (104) again and forming a third trench (108) in the process, so that the second trench (107) lies between the first trench (106) and the third trench (108), - filling the first trench (106) with an electrically insulating material (109), - overwriting the filled first trench (106) and filling the second trench (108) with an electrically conductive material (110) for electrically contacting the second layer (104) and the first layer (102).

IPC 8 full level

H01L 27/142 (2014.01); **H01L 31/0236** (2006.01)

CPC (source: EP)

H01L 31/0236 (2013.01); **H01L 31/046** (2014.12); **H01L 31/0465** (2014.12); **Y02E 10/50** (2013.01)

Citation (search report)

See references of WO 2013189932A2

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 2013189932 A2 20131227; **WO 2013189932 A3 20140320**; DE 202013012571 U1 20170721; EP 2862203 A2 20150422

DOCDB simple family (application)

EP 2013062633 W 20130618; DE 202013012571 U 20130618; EP 13731090 A 20130618