

Title (en)

METHOD FOR SOLDERING CONTACT WIRES TO SOLAR CELLS

Title (de)

VERFAHREN ZUM LÖTEN VON KONTAKTDRÄHTEN AN SOLARZELLEN

Title (fr)

PROCÉDÉ DE SOUDAGE DE FILS DE CONTACT SUR DES CELLULES SOLAIRES

Publication

**EP 2329533 A2 20110608 (DE)**

Application

**EP 09778197 A 20090828**

Priority

- EP 2009006268 W 20090828
- DE 102008046330 A 20080829

Abstract (en)

[origin: CA2736862A1] In a method for soldering contact wires to a side of a solar cell for producing the electrical contact-making, the solar cells have at least one metallic strip-shaped region. A contact wire is soldered onto the latter for the electrical connection of the solar cell, wherein the soldering duration or the duration of the energy input externally onto the soldering region is very short and is less than 800 ms.

IPC 8 full level

**H01L 31/05** (2006.01)

CPC (source: EP US)

**B23K 1/0016** (2013.01 - EP US); **B23K 1/0056** (2013.01 - EP US); **H01L 24/85** (2013.01 - EP US); **H01L 31/188** (2013.01 - EP US); **B23K 2101/38** (2018.07 - EP US); **H01L 24/45** (2013.01 - EP US); **H01L 24/48** (2013.01 - EP US); **H01L 2224/45015** (2013.01 - EP US); **H01L 2224/45147** (2013.01 - EP US); **H01L 2224/48** (2013.01 - EP US); **H01L 2224/85** (2013.01 - EP US); **H01L 2924/01006** (2013.01 - EP US); **H01L 2924/01029** (2013.01 - EP US); **H01L 2924/01033** (2013.01 - EP US); **H01L 2924/0105** (2013.01 - EP US); **H01L 2924/01068** (2013.01 - EP US); **H01L 2924/01077** (2013.01 - EP US); **H01L 2924/01082** (2013.01 - EP US); **H01L 2924/014** (2013.01 - EP US); **H01L 2924/12042** (2013.01 - EP US); **Y02E 10/50** (2013.01 - EP US)

Citation (search report)

See references of WO 2010022977A2

Designated contracting state (EPC)

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 SE SI SK SM TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

**DE 102008046330 A1 20100304**; CA 2736862 A1 20100304; EP 2329533 A2 20110608; JP 2012501082 A 20120112; TW 201017916 A 20100501; US 2011163085 A1 20110707; WO 2010022977 A2 20100304; WO 2010022977 A3 20101125

DOCDB simple family (application)

**DE 102008046330 A 20080829**; CA 2736862 A 20090828; EP 09778197 A 20090828; EP 2009006268 W 20090828; JP 2011524267 A 20090828; TW 98129091 A 20090828; US 201113036665 A 20110228