

Title (en)

METHOD FOR PRODUCING SOLAR CELLS WITH LOCAL BACK SURFACE FIELD (LBSF)

Title (de)

VERFAHREN ZUR HERSTELLUNG VON SOLARZELLEN MIT LOCAL BACK SURFACE FIELD (LBSF)

Title (fr)

PROCÉDÉ DE FABRICATION DE CELLULES SOLAIRES À CHAMP DE SURFACE ARRIÈRE LOCAL (LBSF)

Publication

**EP 2865018 A1 20150429 (DE)**

Application

**EP 13725573 A 20130524**

Priority

- EP 12004763 A 20120625
- EP 2013001544 W 20130524
- EP 13725573 A 20130524

Abstract (en)

[origin: WO2014000845A1] The present invention relates to a method for producing solar cells with local back surface field (LBSF) using an alkaline etching paste which allows the back surface to be polished and the back surface edges to be insulated in a single process step.

IPC 8 full level

**H01L 31/18** (2006.01)

CPC (source: CN EP KR US)

**H01L 21/302** (2013.01 - US); **H01L 21/304** (2013.01 - KR); **H01L 21/30604** (2013.01 - KR); **H01L 21/461** (2013.01 - US); **H10F 10/14** (2025.01 - CN EP US); **H10F 19/85** (2025.01 - KR); **H10F 71/00** (2025.01 - KR); **H10F 71/121** (2025.01 - CN EP US); **H10F 77/211** (2025.01 - US); **H10F 77/219** (2025.01 - US); **H10F 77/311** (2025.01 - CN EP US); **H10F 77/707** (2025.01 - KR); **H10F 77/955** (2025.01 - US); **Y02E 10/547** (2013.01 - EP US); **Y02P 70/50** (2015.11 - EP US)

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 2014000845 A1 20140103**; CN 104396027 A 20150304; EP 2865018 A1 20150429; JP 2015522951 A 20150806; KR 20150022017 A 20150303; PH 12014502529 A1 20150112; SG 11201408430W A 20150129; TW 201407806 A 20140216; TW I584487 B 20170521; US 2015187965 A1 20150702; US 9355867 B2 20160531

DOCDB simple family (application)

**EP 2013001544 W 20130524**; CN 201380032451 A 20130524; EP 13725573 A 20130524; JP 2015518873 A 20130524; KR 20157001930 A 20130524; PH 12014502529 A 20141112; SG 11201408430W A 20130524; TW 102122423 A 20130624; US 201314408627 A 20130524