

Title (en)

A PROCESS OF FORMING A SILICON SOLAR CELL

Title (de)

VERFAHREN ZUR HERSTELLUNG EINER SILICIUMSOLARZELLE

Title (fr)

PROCÉDÉ DE FABRICATION D'UNE CELLULE SOLAIRE AU SILICIUM

Publication

EP 2283524 A2 20110216 (EN)

Application

EP 09763528 A 20090610

Priority

- US 2009046893 W 20090610
- US 6057308 P 20080611

Abstract (en)

[origin: WO2009152238A2] A process for the production of a silicon solar cell comprising application and firing of an aluminum paste which comprises magnesium oxide and/or magnesium compounds capable of forming magnesium oxide on firing on the back-side of a silicon wafer provided with a silicon nitride antireflective coating on its front-side and being contaminated with silicon nitride on its back-side, and firing the aluminum paste after its application.

IPC 8 full level

H01L 31/0224 (2006.01); **H01L 31/18** (2006.01)

CPC (source: EP KR)

H01B 1/22 (2013.01 - EP KR); **H01L 31/02168** (2013.01 - EP); **H01L 31/0224** (2013.01 - KR); **H01L 31/022425** (2013.01 - EP); **H01L 31/04** (2013.01 - KR); **H01L 31/06** (2013.01 - KR); **Y02E 10/50** (2013.01 - EP)

Citation (search report)

See references of WO 2009152238A2

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 TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

WO 2009152238 A2 20091217; **WO 2009152238 A3 20100910**; CN 102037573 A 20110427; EP 2283524 A2 20110216; JP 2011524636 A 20110901; KR 20110028347 A 20110317; TW 201007967 A 20100216

DOCDB simple family (application)

US 2009046893 W 20090610; CN 200980118909 A 20090610; EP 09763528 A 20090610; JP 2011513659 A 20090610; KR 20117000586 A 20090610; TW 98119557 A 20090611