

Title (en)
SOLAR CELL AND METHOD FOR MANUFACTURING THE SAME

Title (de)
SOLARZELLE UND HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)
CELLULE SOLAIRE ET SON PROCÉDÉ DE FABRICATION

Publication
EP 2529411 A4 20140709 (EN)

Application
EP 11857332 A 20111006

Priority
• KR 20110007515 A 20110125
• KR 2011007406 W 20111006

Abstract (en)
[origin: WO2012102455A1] Disclosed are a solar cell and a method for manufacturing the same. The solar cell includes a substrate, a back electrode layer on the substrate, a light absorbing layer on the back electrode layer, a buffer layer on the light absorbing layer, and a window layer on the buffer layer. The lateral surfaces of the first through holes are inclined with respect to the top surface of the substrate.

IPC 8 full level
H01L 31/0224 (2006.01); **H01L 31/0236** (2006.01); **H01L 31/0749** (2012.01)

CPC (source: EP KR)
H01L 31/022425 (2013.01 - EP); **H01L 31/02366** (2013.01 - EP); **H01L 31/04** (2013.01 - KR); **H01L 31/0463** (2014.12 - EP); **H01L 31/0749** (2013.01 - EP); **Y02E 10/541** (2013.01 - EP); **Y02P 70/50** (2015.11 - EP)

Citation (search report)
• [XAY] US 6011215 A 20000104 - GLATFELTER TROY [US], et al
• [X] WO 2011002212 A2 20110106 - LG INNOTEK CO LTD [KR], et al & EP 2450964 A2 20120509 - LG INNOTEK CO LTD [KR]
• [Y] US 2010035052 A1 20100211 - FARAH JOHN [US]
• [Y] EP 2169724 A1 20100331 - KANEKA CORP [JP]
• See references of WO 2012102455A1

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

DOCDB simple family (publication)
WO 2012102455 A1 20120802; CN 102918655 A 20130206; EP 2529411 A1 20121205; EP 2529411 A4 20140709; JP 2014503130 A 20140206; KR 101189432 B1 20121010; KR 20120086204 A 20120802

DOCDB simple family (application)
KR 2011007406 W 20111006; CN 201180026017 A 20111006; EP 11857332 A 20111006; JP 2013550375 A 20111006; KR 20110007515 A 20110125