

Title (en)
SOLAR CELL AND METHOD OF FABRICATING THE SAME

Title (de)
SOLARZELLE UND HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)
CELLULE SOLAIRE ET PROCÉDÉ DE FABRICATION DE CETTE DERNIÈRE

Publication
EP 2737549 A4 20150408 (EN)

Application
EP 12820573 A 20120726

Priority
• KR 20110076275 A 20110729
• KR 2012005992 W 20120726

Abstract (en)
[origin: WO2013019029A1] Disclosed are a solar cell and a method of fabricating the same. The solar cell includes a back electrode layer on a support substrate; an optical path converting layer on the back electrode layer, the optical path converting layer including a protrusion pattern; a light absorbing layer on the optical path converting layer; and a front electrode layer on the light absorbing layer. The optical path converting layer reflects an incident light toward the light absorbing layer, so that the light efficiency is improved.

IPC 8 full level
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CPC (source: CN EP KR)
H01L 31/022483 (2013.01 - EP); **H01L 31/0236** (2013.01 - KR); **H01L 31/02366** (2013.01 - CN EP); **H01L 31/03923** (2013.01 - EP);
H01L 31/04 (2013.01 - KR); **H01L 31/056** (2014.12 - EP); **H01L 31/0749** (2013.01 - EP); **H01L 31/18** (2013.01 - KR); **Y02E 10/52** (2013.01 - EP);
Y02E 10/541 (2013.01 - EP)

Citation (search report)
• [XI] EP 0554877 A1 19930811 - CANON KK [JP]
• [X] US 5998730 A 19991207 - SHIOZAKI ATSUSHI [JP], et al
• See references of WO 2013019029A1

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

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KR 20130014265 A 20130207

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