



(43) International Publication Date
1 November 2012 (01.11.2012)

- (51) International Patent Classification:
H01L 31/042 (2006.01) *H01L 31/18* (2006.01)
- (21) International Application Number:
PCT/KR2012/003270
- (22) International Filing Date:
26 April 2012 (26.04.2012)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
10-2011-0039051 26 April 2011 (26.04.2011) KR
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(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ,
CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO,
DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN,
HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KZ,
LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG,
MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM,
PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SC, SD, SE,
SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT,
TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ,
UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ,
TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK,
EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV,
MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM,
TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW,
ML, MR, NE, SN, TD, TG).

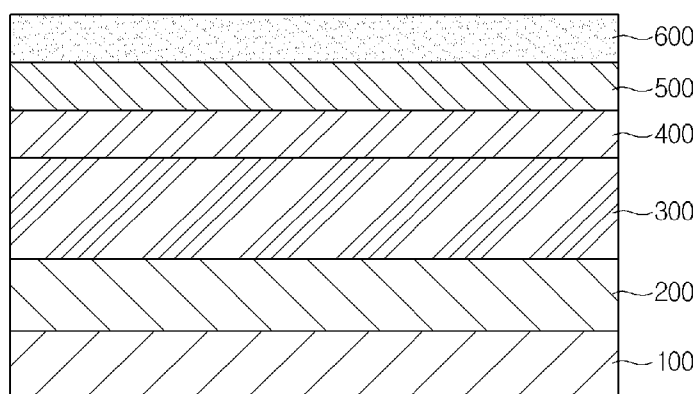
Published:

— with international search report (Art. 21(3))

(88) Date of publication of the international search report:
21 March 2013

(54) Title: SOLAR CELL AND METHOD OF PREPARING THE SAME

[Fig. 1]



(57) Abstract: A solar cell according to the embodiment includes a substrate; a back electrode layer on the substrate; a light absorb-
ing layer on the back electrode layer; a buffer layer including ZnS on the light absorbing layer; and a window layer on the buffer lay-
er.



A. CLASSIFICATION OF SUBJECT MATTER***H01L 31/042(2006.01)i, H01L 31/18(2006.01)i***

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

H01L 31/042; B82Y 40/00

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Korean utility models and applications for utility models

Japanese utility models and applications for utility models

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

eKOMPASS(KIPO internal) & Keywords: ZnS, CIGS, Buffer

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	KR 10-2011-0012314 A (LG ELECTRONICS INC.) 09 February 2011 See paragraphs [0017]-[0130], claims 1-6, 17-19 and figure 1.	1-11
X A	KR 10-2011-0013009 A (LG ELECTRONICS INC.) 09 February 2011 See paragraphs [0032]-[0069], claim 15 and figure 2.	1,6 2-5,7-11
X A	KR 10-2010-0025068 A (PUSAN NATIONAL UNIVERSITY INDUSTRY-UNIVERSITY COOPERATION FOUNDATION) 09 March 2010 See paragraphs [0008]-[0009], claim 7 and figure 1.	1,6 2-5,7-11



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Date of the actual completion of the international search

27 NOVEMBER 2012 (27.11.2012)

Date of mailing of the international search report

28 NOVEMBER 2012 (28.11.2012)

Name and mailing address of the ISA/KR

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City, 302-701, Republic of Korea

Facsimile No. 82-42-472-7140

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Telephone No. 82-42-481-8249



INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/KR2012/003270Patent document
cited in search reportPublication
datePatent family
member(s)Publication
date

KR 10-2011-0012314 A

09.02.2011

None

KR 10-2011-0013009 A

09.02.2011

None

KR 10-2010-0025068 A

09.03.2010

None