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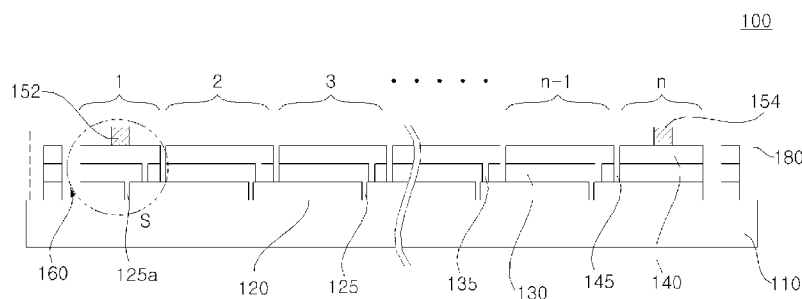
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(54) Title: THIN-FILM SOLAR CELL MODULE AND METHOD FOR MANUFACTURING THE SAME

[Fig. 2]



(57) Abstract: A thin-film solar cell module includes a transparent substrate; and a plurality of solar cells formed on the transparent substrate. The plurality of solar cells are parallel to each other and are connected to each other in series. Each of the plurality of solar cells includes a first electrode on the transparent substrate, a photoelectric conversion layer on the first electrode, and the second electrode on the photoelectric conversion layer. The plurality of solar cells include a first solar cell that is an outermost solar cell. The first electrode of the first solar cell is electrically open, and the first electrode of the first solar cell has a width smaller than widths of the first electrodes of the plurality of solar cells other than the first solar cell. By reducing a width of the outermost solar cell (that is a dead cell), the conversion efficiency of the thin-film solar cell module may be enhanced.

A. CLASSIFICATION OF SUBJECT MATTER***H01L 31/042(2006.01)i, H01L 31/0224(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

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: CIGS, outermost, width

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	KR 10-2010-0088182 A (SAMSUNG ELECTRONICS CO., LTD.) 09 August 2010 See abstract, paragraphs [0095]-[0102] and figures 9-12.	1-20
X	KR 10-2009-0073308 A (JUSUNG ENGINEERING CO., LTD.) 03 July 2009 See abstract and figures 4-7.	1-20
A	KR 10-2010-0032720 A (JUSUNG ENGINEERING CO., LTD.) 26 March 2010 See abstract and figure 3.	1-20



Further documents are listed in the continuation of Box C.



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