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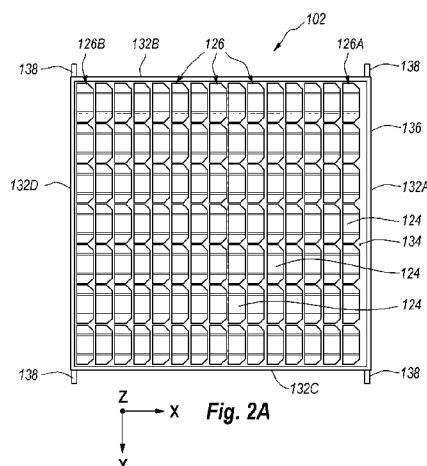
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(54) Title: ILLUMINATION AGNOSTIC SOLAR PANEL



(57) Abstract: In one example, a photovoltaic module includes a plurality of discrete photovoltaic cells arranged in a plurality of cell rows, and a substantially electrically conductive and continuous area backsheet. The photovoltaic cells in each cell row are electrically connected in parallel to each other. The cell rows are electrically connected in series to each other and include a first row and a last row. The backsheet forms a current return path between the first and last rows. The photovoltaic cells are configured such that, in operation, current flows substantially uni-directionally through the plurality of photovoltaic cells between the first row and the last row.

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A. CLASSIFICATION OF SUBJECT MATTER***H01L 31/042(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)

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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: photovoltaic, in series, cell row, backsheet, uni-directionally, current return path

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2005-0061360 A1 (TATSUJI HORIOKA et al.) 24 March 2005 See abstract, paragraphs [0013]-[0026], figure 1.	1-45
A	JP 2009-503870 A (SOLARIA CORPORATION) 29 January 2009 See abstract, paragraphs [0047]-[0053], figure 8.	1-45
A	EP 1744372 A2 (ZETA CONTROLS LIMITED) 17 January 2007 See abstract, paragraphs [0001]-[0015].	1-45



Further documents are listed in the continuation of Box C.



See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

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"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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"&" document member of the same patent family

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