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(54) Title: LUMINESCENT SOLAR COLLECTOR HAVING CUSTOMIZABLE VIEWING COLOR

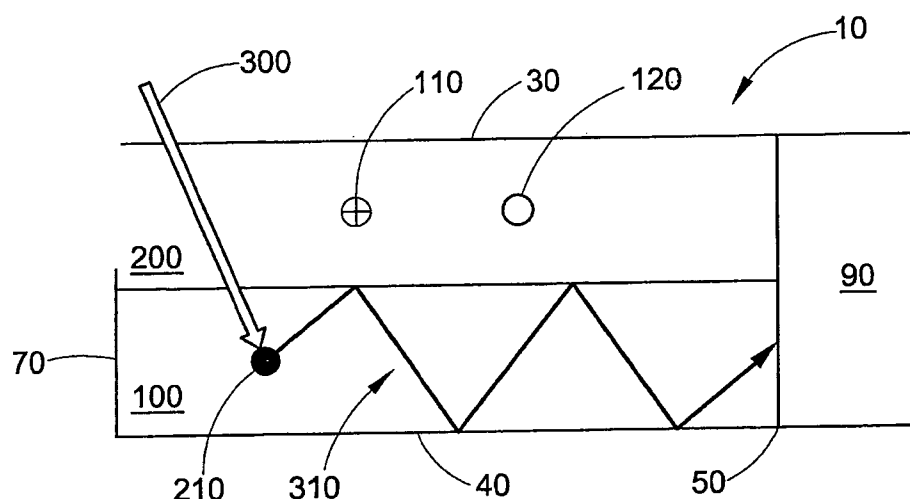


FIG. 2

(57) Abstract: A luminescent solar collector is provided comprising a sheet and a light energy converter, such as a photocell. The sheet comprises two polymer layers. One polymer layer comprises a polymer and a fluorescent dye or quantum dot. The other polymer layer comprises a polymer and a non-fluorescent dye, and may further comprise an organic diffuser. The luminescent solar collector can be customized to any desired viewing color and provides a high level of edge emission.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

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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

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

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

EPO-Internal, WPI Data, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 714 012 A (MURATA YASUSHI [JP] ET AL) 3 February 1998 (1998-02-03) column 7, line 57 - column 8, line 31; figure 5	1,6,7, 13,19
A	US 5 816 238 A (BURNS DAVID M [US] ET AL) 6 October 1998 (1998-10-06) column 5, line 18 - line 34; figure 3	1,13,19
A	US 3 591 420 A (STREED ELMER R) 6 July 1971 (1971-07-06) the whole document	1,13,19
A	DE 297 07 204 U1 (RUETER DIRK DR ING [DE]) 24 July 1997 (1997-07-24) the whole document	1,13,19

☐ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

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Information on patent family members

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