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(54) Title: TANDEM SOLAR CELL INTEGRATED IN A DOUBLE INSULATING GLASS WINDOW FOR BUILDING INTEGRATED PHOTOVOLTAIC APPLICATIONS

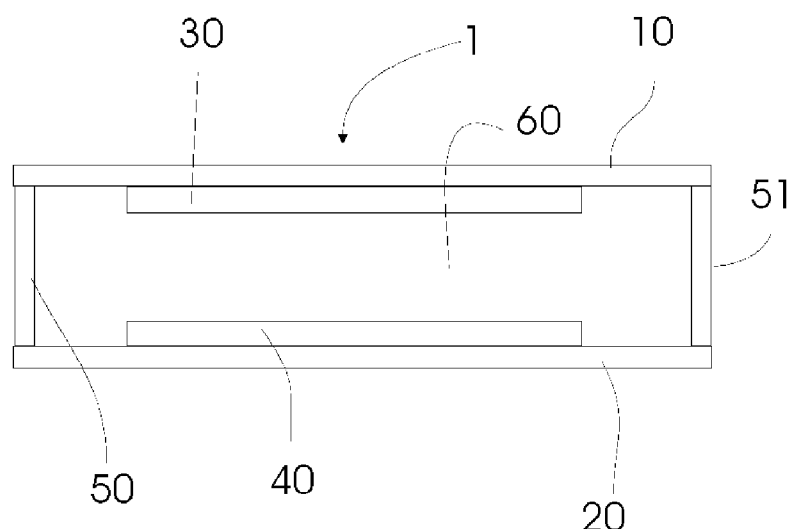


Fig. 1

(57) Abstract: The present invention relates to an insulated window having two solar cells on each window pane so that the window can be used to generate electric energy. One solar cell is an amorphous Si-Cell, the other either an amorphous or microcrystalline Si-Cell.



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## INTERNATIONAL SEARCH REPORT

International application No  
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A. CLASSIFICATION OF SUBJECT MATTER  
INV. H01L31/048 H01L31/075  
ADD.

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

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 42 08 710 A1 (FLACHGLAS SOLARTECHNIK GMBH [DE]) 30 September 1993 (1993-09-30) * abstract; figures 1,2,3,4 column 1 - column 4 -----	1-3,5, 7-9
X	JP 2005 277113 A (SANYO ELECTRIC CO) 6 October 2005 (2005-10-06) * abstract; figures 1,3,4,12,13,14,16,20 paragraphs [0001], [0002], [0005], [0009], [0019] - [0022], [0025], [0027] - [0034], [0040] - [0044] -----	1,3,4, 6-9
X	JP 2004 179560 A (KYOCERA CORP) 24 June 2004 (2004-06-24) * abstract; figure 7 paragraphs [0001] - [0004] -----  -/-	1,3,7-9



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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>DE 37 09 153 A1 (FUJI ELECTRIC RES [JP]; WAKAMATSU SEIJI [JP]; IKEDA SHIGERU [JP]) 15 October 1987 (1987-10-15) * abstract; figure 4 column 1, line 41 - line 44 column 2, line 29 - line 43 column 3, line 40 - line 48 column 5, line 37 - line 50 -----</p>	1,7-9

# INTERNATIONAL SEARCH REPORT

Information on patent family members

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