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(71) Applicant (for all designated States except US):
JUSUNG ENGINEERING CO., LTD. [KR/KR]; 49,
Neungpyeong-ri, Opo-eup, Gwangju-si, Gyeonggi-do
464-892 (KR).

(72) Inventors; and

(75) Inventors/Applicants (for US only): PARK, Won Seok
[KR/KR]; 532 Hansol Infinity, 16-7, Sunae-dong, Bun-
dang-gu, Seongnam-si, Gyeonggi-do 463-825 (KR).
SHIN, Yong Woo [KR/KR]; 101-1404 Pungsan Apt.,
Wangsan-ri, Mohyeon-myeon, Cheoin-gu, Yongin-si,
Gyeonggi-do 449-854 (KR). HWANG, Seong Ryong
[KR/KR]; 101-705 Kumho Town, Sillim9-dong, Gwanak-
gu, Seoul 151-019 (KR).

(74) Agents: HWANG, Kwang Yeon et al.; 5th Floor, Shin
Sung Bldg., 732-27, Yeoksam-dong, Gangnam-gu, Seoul
135-514 (KR).

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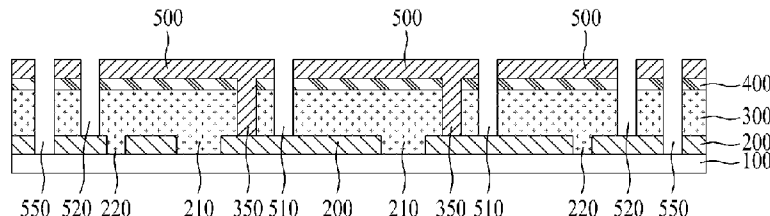
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(54) Title: THIN FILM TYPE SOLAR CELL AND METHOD FOR MANUFACTURING THE SAME

[Fig. 4]



(57) Abstract: A thin film type solar cell and a method for manufacturing the same is disclosed, the thin film type solar cell comprising a substrate; a plurality of front electrodes on the substrate at fixed intervals by each first separating part interposed in-between; a plurality of semiconductor layers on the front electrodes at fixed intervals by each contact part interposed in-between; and a plurality of rear electrodes connected with the front electrodes through the contact part, provided at fixed intervals by each second separating part interposed in-between, wherein a main isolating part is formed in the outermost front electrode, the outermost semiconductor layer, and the outermost rear electrode, wherein an auxiliary isolating part is formed in at least one of the outermost front electrode and the outermost rear electrode, wherein the auxiliary isolating part is positioned on the inside of the main isolating part.



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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 since 1975.

Japanese utility models and applications for utility models since 1975.

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

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C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	JP 2004-039891 A(MITSUBISHI HEAVY IND LTD.) 05 February 2004 See abstract and fig 11.	1-16
A	KR 10-2006-0083164 A(SEMICONDUCTOR ENERGY LABORATORY K.K.) 20 July 2006 See abstract and fig 3.	1-16
A	US 4315096 A1(YUAN-SHENG TYAN et al.) 09 February 1982 See abstract and fig2.	1-16

 Further documents are listed in the continuation of Box C. See patent family annex.

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JP 2004-039891 A	05.02.2004	None	
KR 10-2006-0083164 A	20.07.2006	JP 2006-222416 A US 2006-0157105 A1	24.08.2006 20.07.2006
US 4315096 A1	09.02.1982	None	