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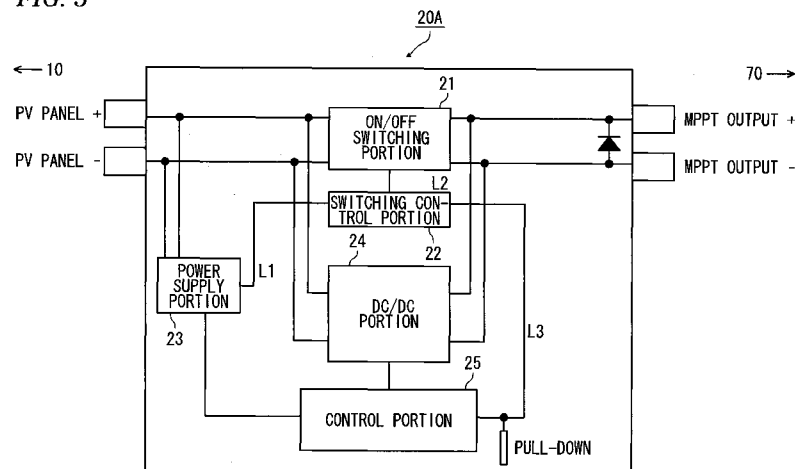
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FIG. 3



(57) Abstract: A voltage conversion apparatus converts a voltage of an electricity generator. The voltage conversion apparatus includes a maximum power tracking portion that is adapted to output a voltage which is output by the electricity generator to an external device at a predetermined ratio such that an operation point of the electricity generator tracks an optimal operation point at which power of the electricity generator reaches a maximum level, and a voltage output portion that is adapted to output a voltage which is output by the electricity generator to the external device when the maximum power tracking portion is not being operated normally.

INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

INV. G05F1/67 H02M3/158 H02M1/00 H02M1/32 H02J3/38
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)

G05F H02J H02M

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 practicable, search terms used)

EP0-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 2012/035384 A1 (BITRON SPA [IT]; BIANCONI ENRICO [IT]; CULLINO CARLO [IT]; DE PIERRO V) 22 March 2012 (2012-03-22)	1,4,6-8
Y	pages 8, 15-18, 22;	5
A	claim 3; figure 1	3
X	WO 2009/142698 A1 (PETRA SOLAR INC [US]; BATARSEH ISSA [US]; AL-ATRASH HUSSAM [US]; RUSTO) 26 November 2009 (2009-11-26)	1,2,4, 6-8
Y	claim 1; figures 2,3	5
A		3
Y	US 2011/160930 A1 (BATTEN ROBERT [US] ET AL) 30 June 2011 (2011-06-30)	5
	figures 3,5	
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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

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Y	US 2010/288327 A1 (LISI GIANPAOLO [US] ET AL) 18 November 2010 (2010-11-18) paragraphs [0028] - [0031], [0041] - [0042]; figure 2 -----	5

INTERNATIONAL SEARCH REPORT

Information on patent family members

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