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(54) Title: ELASTOMERIC WATERPROOFING AND WEATHERPROOFING PHOTOVOLTAIC FINISHING METHOD AND SYSTEM

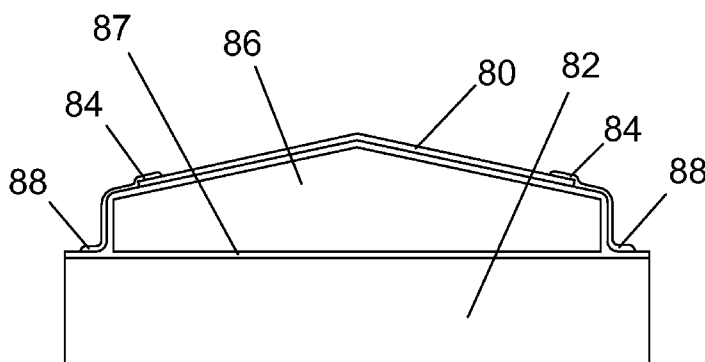


FIG. 8

(57) Abstract: The present invention is for a system and method of creating a continuous, seamless waterproof, weatherproof and electrically generating surface that can be applied over a great variety of structural components. The method comprises coating the selected surface with a base elastomeric coating thus sealing holes cracks and other surface imperfections. In one embodiment, the base elastomeric coating is allowed to dry and at least one photovoltaic module is placed on the base elastomeric coating by using another coat of elastomeric material applied to the underside surface of the photovoltaic module or on the surface of the base elastomeric coating where the photovoltaic module will be applied. Another layer of an elastomeric coating is applied covering the perimeter edges of the photovoltaic module creating a continuous, seamless, weatherproof surface capable of generating electricity. Other embodiments include various strengthening elements to create durable, weatherproof surfaces with the photovoltaic modules integrated therein.

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# INTERNATIONAL SEARCH REPORT

International application No.

PCT/US07/68151

## A. CLASSIFICATION OF SUBJECT MATTER

IPC: H01L 31/00( 2006.01)

USPC: 136/252

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)

U.S. : 136/252, 242-265

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)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X --- Y	US 6,307,145 B1 (Kataoka et al.) 23 October 2001 (23.10.2001) figures 1-3, columns 5-6, column 8 lines 19-44, column 10 lines 58-67  columns 6-8, 10 and figures 1-5	1, 5-7, 12, 18-19, 22, 29, 31 and 35 ----- 2-4, 9-11, 13-17, 20, 23-28, 30, 32-34
X	US 6,437,235 B1 (Komori et al.) 20 August 2002 (20.08.2002) figure 1b	21
Y	US 4,057,439 (Lindmayer) 08 November 1977 (08.11.1977) column 2 lines 12-29	2, 23 and 25-26
Y	US 2003/0205845 A1 (Pichler et al.) 06 November 2003 (06.11.2003) paragraph 0070	10, 15, 23-24 and 36-39
Y	US 4,674,244 (Francovitch) 23 June 1987 (23.06.1987), figure 1, column 3 lines 12-24	11, 20 and 32-34



Further documents are listed in the continuation of Box C.



See patent family annex.

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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	"&" document member of the same patent family

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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.
Y	US 5,728,230 (Komori et al.) 17 March 1998 (17.03.1998) figure 3, column 8 lines 36-40	3-4, 13, 16, 24 and 27-28
Y	US 2004/0200522 A1 (Fukawa et al.) 14 October 2004 (14.10.2004) paragraph 0096	9, 14, 17 and 30