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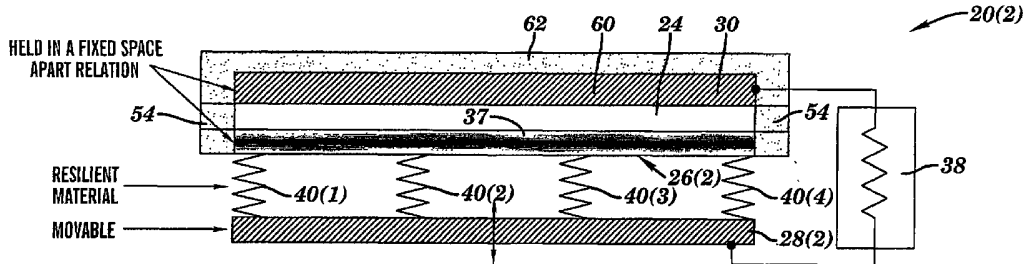
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(54) Title: AN ELECTROSTATIC BASED POWER SOURCE AND METHODS THEREOF



(57) Abstract: A power system includes a housing with a chamber (24), a member (26(2)) with a stored static electrical charge, and a pair of electrodes (30). The member (26(2)) is connected to the housing and extends at least partially across the chamber (24). The electrodes (30) are connected to the housing, are spaced from and on substantially opposing sides of the member (26(2)) from each other, and are at least partially in alignment with each other. The member (26(2)) is movable with respect to the pair of electrodes (30) or one of the pair of electrodes is movable with respect to the member.




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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US02/34162

A. CLASSIFICATION OF SUBJECT MATTER IPC(7) : H02N 1/00 US CL : 310/309, 308; 290/2a, 2r 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. : 310/309, 308; 290/2a, 2r Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched NONE Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) Please See Continuation Sheet		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 3,405,334 A (JEWETT et al) 08 October 1968 (08.10.1968), see entire document.	1-3, 8-14, 19-23, 25
Y	US 6,255,758 B1 (CABUZ et al) 03 July 2001 (03.07.2001), see entire document.	9, 11, 20, 22
A	US 2,567,373 A (GIACOLETTO) 11 September 1951 (11.09.1951), see entire document.	1, 4-7, 15-18, 24
A	US 2,588,513 A (GIACOLETTO) 11 March 1952 (11.03.1952), see entire document.	1
A	JP 58-29379 A (TADA) 21 February 1983 (21.02.1983), see entire document.	1
Y	US 4,288,735 A (CRITES) 08 September 1981 (08.09.1981), see entire document.	1-3, 8-14, 19-23, 25
<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/> See patent family annex.		
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“O”	document referring to an oral disclosure, use, exhibition or other means	“&” document member of the same patent family
“P”	document published prior to the international filing date but later than the priority date claimed	
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Continuation of B. FIELDS SEARCHED Item 3:

EAST, Derwent, JPO, EPO

search terms: electrostatic, generator, vibrate, electrodes, electret