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(54) Energy regulator

(57) An energy regulator 1 has a bimetal element 5 as primary limb with a compensator limb 13. The primary limb is responsive to the heater 11 and the compensator

limb compensates for ambient temperature fluctuation. The primary and compensator limbs are formed by splitting a single bimetal strip part-way along its length. The bimetal structure may be mounted on a flexible pivot 17.

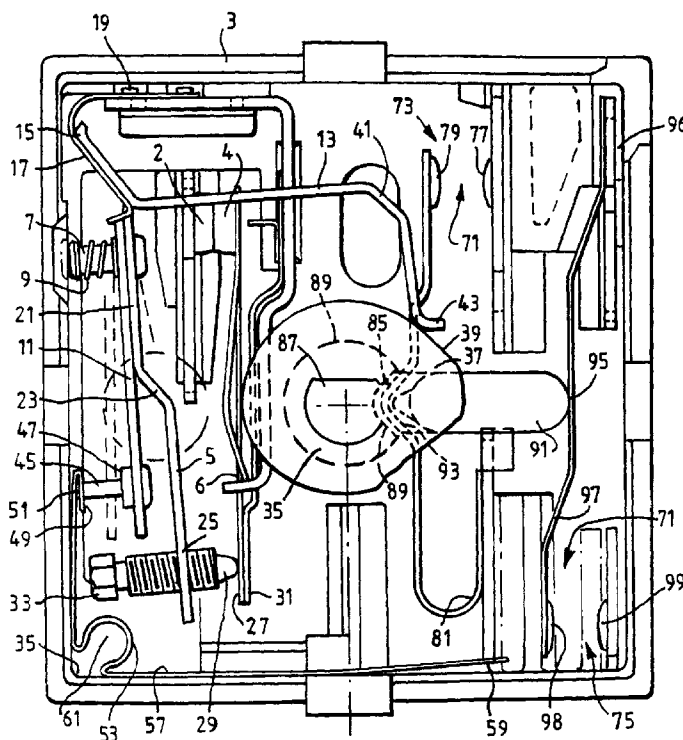


FIG. 1

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EUROPEAN SEARCH REPORT

Application Number
EP 95 30 3111

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
Y	US-A-3 238 780 (ROBERTSHAW CONTROLS COMPANY) 8 March 1966 * column 2, line 70 - column 3, line 27 * ---	1-11	H01H37/10 H01H37/00
Y	GB-A-864 828 (AB SPECIALPAPPER) 6 April 1961 * page 2, line 55 - line 65 * ---	1-11	
A	US-E-RE31597 (E.G.O.REGELTECHNIK GMBH) 5 June 1984 * column 3, line 34 - line 37; figure 1 * ---	8-10	
D,X	WO-A-93 26027 (STRIX LTD ;TAYLOR JOHN C (GB); OUGHTON DOMINIC MICHAEL ANTHON (GB)) 23 December 1993 * page 16, line 33 - page 17, line 33 * * page 18, line 29 - page 19, line 30 *	12-15,19	
Y	---	16-18,20	
Y	US-A-3 178 539 (ROBERTSHAW CONTROLS COMPANY) 13 April 1965 * column 2, line 67 - column 3, line 28 * ---	16-18	TECHNICAL FIELDS SEARCHED (Int.Cl.6)
Y	DE-A-37 01 240 (KIENZLER AG G) 6 August 1987 * claim 8 * -----	20	H01H G01K
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 30 October 1996	Examiner Libberecht, L
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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