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(54) **Device for warming heating liquids at low pressure or with closed expansion vessel**

(57) The device In a circulation chamber of the fluid to be warmed surrounded on the outside by an inductor circuit that magnetically shorts circuits.

The inductive charge is fed by a power stage, and other power components, driven by modular drivers

which in turn are controlled by a microprocessor with two specific aims, to generate the square wave at the established frequency, which controls the power stage, by means of the drivers, as well as to control the system's functions of heating.

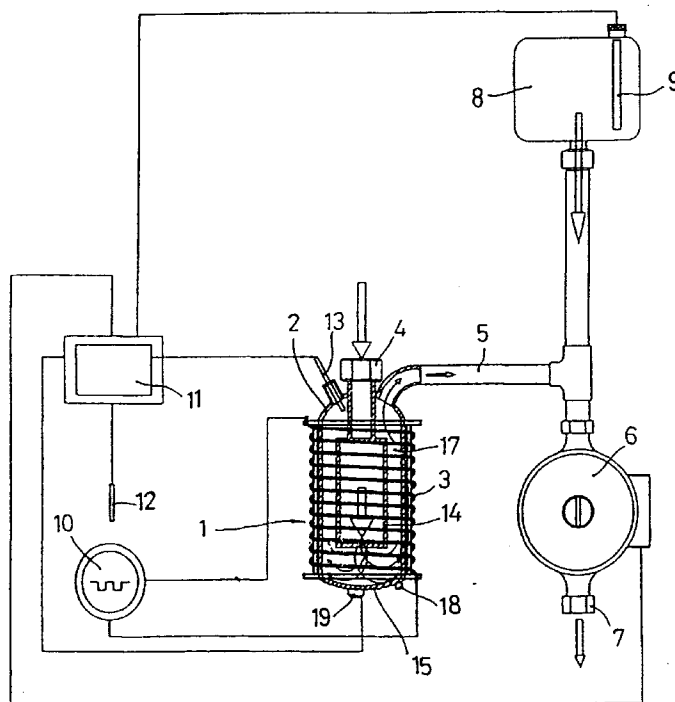


FIG. 1

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EUROPEAN SEARCH REPORT

Application Number
EP 97 50 0218

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	GB 787 125 A (SCHORG CARL) 4 December 1957 * the whole document *	1-5	H05B6/02 H05B6/10 H05B6/06 F24D19/10
Y	DE 196 13 021 A (VAILLANT JOH GMBH & CO) 26 September 1996 * abstract; figure 2 *	1-5	
A	EP 0 075 811 A (STAL LAVAL APPARAT AB) 6 April 1983 * abstract; claims; figures 1-3 *	1-3	
			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			H05B F24D
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 14 July 1998	Examiner Wansing, A
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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