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(54) Electric heating device

(57) A heating device, e.g. a heating element for a kettle, comprises a heating element (3) including a resistance heating wire (4) surrounded by and electrically insulated from a metal sheath (5), the heating element (3) being carried directly or indirectly on a metal base plate (1) for transferring heat from the heating element (3) to a medium to be heated by the device, wherein the heating element (3) is in thermally conductive commu-

nication with the base plate (1) via a heat diffusion layer (2), wherein the heat diffusion layer (2) is of a metal comprising copper. In preferred embodiments an underside of the heating element (3) contacts, or is directly attached to, the metal base plate (1) and the heat diffusion layer (2) wholly or partially overlies the heating element (3), or alternatively the heating element (3) is attached to the heat diffusion layer (2) which is in turn attached to the base plate (1).

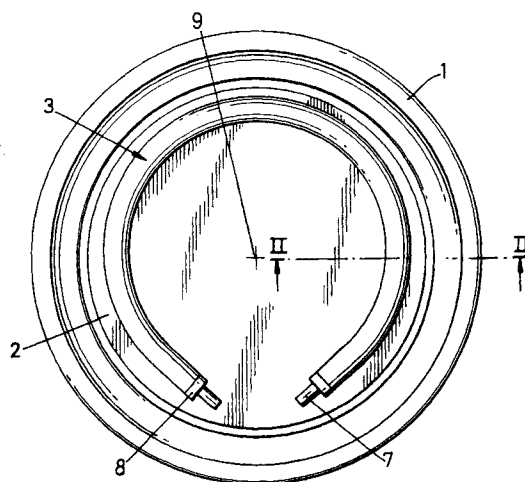


Fig. 1

EP 0 848 576 A3



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EUROPEAN SEARCH REPORT

Application Number
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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
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			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			H05B
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 1 October 1998	Examiner De Smet, F
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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