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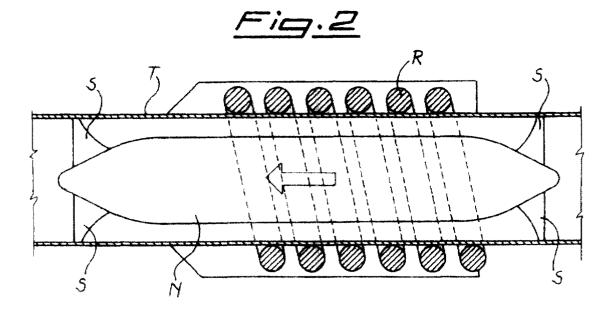
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(54) Device for heating water, in particular in a dishwasher

(57) A device for heating water includes a metallic tube (T) on which there is wound a resistor (R), as well as a tapered body (N) mounted inside the tube (T) by means of a plurality of supports (S). In this way, thanks to the reduction of the free cross-section, an increase in the speed of the water flow is achieved without decreas-

ing the heat exchange area while maintaining the same overall size. The subsequent higher rate of heat exchange allows to reduce the activation time and/or the power of the resistor, and thus ultimately to reduce the power consumption and/or limit the peak power absorbed by the machine.





EUROPEAN SEARCH REPORT

Application Number EP 00 83 0126

Category	Citation of document with indicati	on, where appropriate,	Relevant	CLASSIFICATION OF THE
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Place of search MUNICH		Date of completion of the search		Examiner
		24 October 2002	Cag	noli, M
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ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO.

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