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(72) Inventor; and

(71) Applicant : CAVE, Piers St John Spencer [GB/GB]; 58 Lane End Drive, Knaphill, Woking, Surrey GU21 2QG (GB).

(74) Agent: WHITAKER, Iain Mark; Alban Patent Agency, The Old Pump House, 1a Stonecross, St Albans, Hertfordshire, AL1 4AA (GB).

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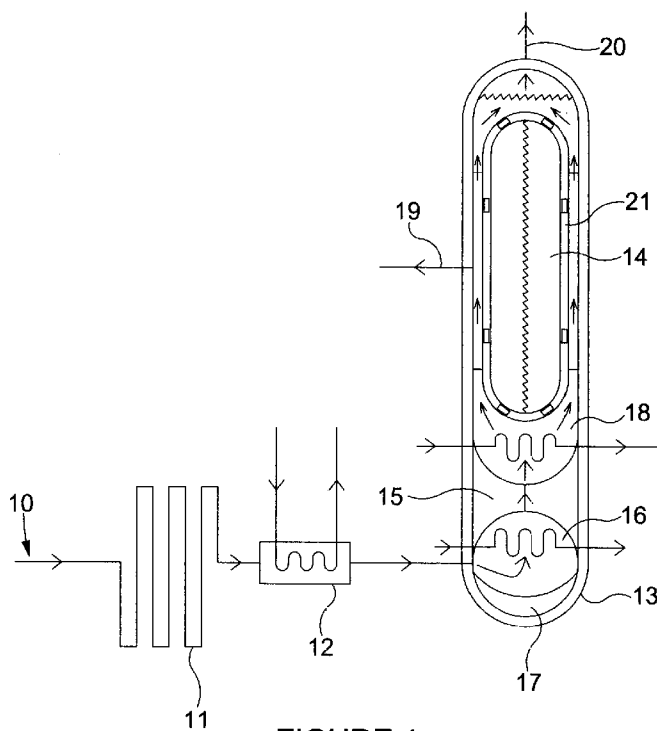
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(54) Title: LIQUID HEATING APPLIANCES



(57) Abstract: The present invention provides a liquid heating appliance for heating water or other liquids, suitably to a target temperature of from 55°C to around boiling point, and which comprises: a primary heat chamber or body (heat source chamber) that is thermally insulated and which in use contains a high thermal density heat storing liquid or solid; and a secondary chamber alongside the primary chamber through which a liquid to be heated is passed in use, the appliance having a heat transfer feature to selectively transfer thermal energy from the heat-storing liquid or solid to the liquid to be heated in the secondary chamber. The secondary chamber is preferably a conduit through which the liquid to be heated is able to flow and the thus heated liquid can be delivered to a tap as hot water for a range of uses. Water may also be heated for a central heating system for space heating.

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ADD.
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)
F28D F28F F24H F24D
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
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C. DOCUMENTS CONSIDERED TO BE RELEVANT

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Y	paragraph [0044] - paragraph [0063]; figures 1, 2	15-17, 43-46
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Further documents are listed in the continuation of Box C.

See patent family annex.

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