

Title (en)  
Liquid heating device

Title (de)  
Flüssigkeitsheizvorrichtung

Title (fr)  
Dispositif de chauffage de liquide

Publication  
**EP 1475578 B1 20060315 (EN)**

Application  
**EP 03010188 A 20030506**

Priority  
EP 03010188 A 20030506

Abstract (en)  
[origin: EP1475578A1] A liquid heating device includes a pump (2) for pumping liquid, and a helical heating tube (3) receiving liquid sent by the pump. The two ends of the helical heating tube (3) are connected with two terminals (50,51) of electric power, and when a control system (6) is started, the helical heating tube (3) is heated up to produce high heat to heat up the liquid therein to a proper temperature, to boil it up or change it into vapor for practical use. <IMAGE>

IPC 8 full level  
**F24H 1/10** (2006.01); **F22B 1/28** (2006.01)

CPC (source: EP)  
**F22B 1/282** (2013.01); **F24H 1/105** (2013.01)

Cited by  
CN115164400A; US7801424B2; WO2017200407A1

Designated contracting state (EPC)  
DE ES GB

DOCDB simple family (publication)  
**EP 1475578 A1 20041110; EP 1475578 B1 20060315; DE 60303975 D1 20060511; DE 60303975 T2 20061123**

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