

Title (en)
DEVICE FOR HEATING WATER FOR DOMESTIC USE

Title (de)
VORRICHTUNG ZUM ERWÄRMEN VON BRAUCHWASSER

Title (fr)
DISPOSITIF DE CHAUFFAGE D'EAU SANITAIRE

Publication
EP 0767888 B2 20040102 (DE)

Application
EP 95901259 A 19941124

Priority
• AT 9400176 W 19941124
• AT 238493 A 19931124

Abstract (en)
[origin: WO9514894A1] A device for heating water for domestic use has a water reservoir (1) and a heat exchanger (2) arranged in the water reservoir (1). The heat exchanger (2) has at least one coiled pipe (5) with several coils for a heating medium. The coils of the coiled pipe (5) lie in a surface that extends above the bottom (4) of the water reservoir (1). In order to ensure advantageous heating conditions, the coils (6) of the coiled pipe (5), that preferably form a spiral and are distributed at least practically over the whole bottom surface, are arranged in a single layer in the vertical direction.

IPC 1-7
F24H 1/20; **F24D 3/08**

IPC 8 full level
F24D 3/08 (2006.01); **F24H 1/20** (2006.01); **F28D 7/04** (2006.01)

CPC (source: EP)
F24D 3/082 (2013.01); **F24H 1/208** (2013.01); **F28D 7/04** (2013.01)

Citation (opposition)
Opponent :
• DE 3305041 C2 19881103
• GB 2037958 A 19800716 - HAWES R A

Cited by
CN105066449A; WO2018014057A1

Designated contracting state (EPC)
CH DE ES FR GB LI

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WO 9514894 A1 19950601; AT 406300 B 20000327; AT A238493 A 19990815; DE 59409718 D1 20010510; EP 0767888 A1 19970416; EP 0767888 B1 20010404; EP 0767888 B2 20040102; ES 2155881 T3 20010601; ES 2155881 T5 20040916

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