

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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