

Title (en)

Pump housing with integrated heater

Title (de)

Pumpe mit einem beheizbaren Gehäuse

Title (fr)

Boîtier de pompe avec réchauffeur du fluide intégré

Publication

**EP 1201933 B1 20060308 (DE)**

Application

**EP 01124646 A 20011016**

Priority

- DE 20018182 U 20001025
- DE 20107363 U 20010427

Abstract (en)

[origin: US2002048513A1] A pump, particularly for washing machines, dishwashing machines or the like, having a housing and a heating device for the continuous heating of a liquid, particularly water, is proposed, in which the heating device is constructed as the circumferential wall of the housing and on one face of the heating device is arranged in sealing manner a base and on another face of the heating device is sealingly arranged a cover of the housing.

IPC 8 full level

**F04D 29/58** (2006.01); **A47L 15/42** (2006.01); **D06F 39/04** (2006.01); **D06F 39/08** (2006.01); **F04D 29/42** (2006.01); **H05B 3/82** (2006.01)

CPC (source: EP US)

**A47L 15/4225** (2013.01 - EP US); **A47L 15/4285** (2013.01 - EP US); **D06F 39/04** (2013.01 - EP US); **F04D 29/426** (2013.01 - EP US); **F04D 29/588** (2013.01 - EP US); **H05B 3/82** (2013.01 - EP US); **D06F 39/085** (2013.01 - EP US)

Cited by

DE102010043727A1; WO2012062839A1; EP1532919A1; CN109854538A; DE102009052019B4; DE102009052019C5; GB2427437A; GB2427437B; EP2481931A3; DE202008015058U1; DE102009052019A1; EP1215939B1

Designated contracting state (EPC)

DE FR IT TR

DOCDB simple family (publication)

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DOCDB simple family (application)

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