

Title (en)

Household apparatus with water circulation with a pump

Title (de)

Wasserführendes Haushaltgerät mit einer Pumpe

Title (fr)

Appareil domestique à circulation d'eau avec pompe

Publication

EP 1762169 A3 20080806 (DE)

Application

EP 06119717 A 20060829

Priority

DE 102005043026 A 20050909

Abstract (en)

[origin: EP1762169A2] The appliance has a pump (1) having a housing (2) that is provided with an inlet opening (3) and an outlet opening (4), where a motor (6) is arranged in the housing. The motor is enclosed against a cleaning liquid to be delivered in the pump housing, by a motor housing (5) in a liquid-tight manner. A flow channel (11) is formed within the pump housing, and a cleaning liquid heating unit (12) is attached to the flow channel. The channel is designed in spiral-shape at heat exchange surface.

IPC 8 full level

A47L 15/42 (2006.01); **D06F 39/04** (2006.01); **D06F 39/08** (2006.01)

CPC (source: EP US)

A47L 15/4225 (2013.01 - EP US); **A47L 15/4285** (2013.01 - EP); **D06F 39/088** (2013.01 - EP US)

Citation (search report)

- [XY] US 3587939 A 19710628 - NYSTUEN ARNE M, et al
- [Y] EP 1247993 A2 20021009 - MIELE & CIE [DE]
- [Y] WO 03005875 A1 20030123 - MIELE & CIE [DE], et al
- [A] DE 2326246 A1 19741212 - TAPPAN CO
- [A] DE 29825044 U1 20040715 - BSH BOSCH SIEMENS HAUSGERAETE [DE]
- [A] EP 1227247 A2 20020731 - SOLE SPA [IT]
- [A] EP 1566477 A1 20050824 - BSH BOSCH SIEMENS HAUSGERAETE [DE]

Cited by

CN106545525A; EP2954828A1; CN105167728A; AU2015203124B2; US11060531B2; US9371841B2; US9844801B2

Designated contracting state (EPC)

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Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

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