

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 A2 20070314 (DE)**

Application

**EP 06119717 A 20060829**

Priority

DE 102005043026 A 20050909

Abstract (en)

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.

Abstract (de)

Ein wasserführendes Haushaltgerät, insbesondere eine Geschirrspülmaschine weist eine als Umwälzpumpe ausgebildete Pumpe (1) auf, in deren Strömungskanal (11) ein Heizelement (12) angeordnet ist, das zum Erwärmen bzw. Erhitzen einer Reinigungsflüssigkeit dient.

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)

Cited by

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

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

**EP 1762169 A2 20070314**; **EP 1762169 A3 20080806**; DE 102005043026 A1 20070315

DOCDB simple family (application)

**EP 06119717 A 20060829**; DE 102005043026 A 20050909