

Title (en)

HEATER FOR HEATING THE WASHING LIQUID IN A DISH WASHER

Title (de)

HEIZUNG ZUM ERWÄRMEN DER SPÜLFLÜSSIGKEIT IN EINER GESCHIRRSPÜLMASCHINE

Title (fr)

DISPOSITIF DESTINE A CHAUFFER LE LIQUIDE DE LAVAGE D'UN LAVE-VAISSELLE

Publication

EP 1139852 A1 20011010 (DE)

Application

EP 99963417 A 19991207

Priority

- DE 19858137 A 19981216
- EP 9909610 W 19991207

Abstract (en)

[origin: US2001042560A1] In a dishwasher having a dishwashing compartment and a pump fluidically connected to the dishwashing compartment for channeling liquid to the dishwashing compartment, the pump disposed outside the dishwashing compartment and including a pump housing defining an interior and housing a motor and an impeller, a heater for heating dishwashing liquid includes a heating device disposed on the pump housing in heat-conducting contact with the interior of the pump housing.

IPC 1-7

A47L 15/42

IPC 8 full level

A47L 15/42 (2006.01); **D06F 39/04** (2006.01); **H05B 3/40** (2006.01)

CPC (source: EP US)

A47L 15/4225 (2013.01 - EP US); **A47L 15/4285** (2013.01 - EP US); **H05B 3/40** (2013.01 - EP US)

Citation (search report)

See references of WO 0035335A1

Cited by

DE102010028617B4; DE102010028617A1; EP2626572A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

US 2001042560 A1 20011122; **US 7287536 B2 20071030**; AT E262302 T1 20040415; DE 19858137 A1 20000621; DE 19858137 B4 20161215; DE 59908973 D1 20040429; EP 1139852 A1 20011010; EP 1139852 B1 20040324; ES 2217864 T3 20041101; WO 0035335 A1 20000622

DOCDB simple family (application)

US 88380901 A 20010618; AT 99963417 T 19991207; DE 19858137 A 19981216; DE 59908973 T 19991207; EP 9909610 W 19991207; EP 99963417 A 19991207; ES 99963417 T 19991207