

Title (en)

DEVICE FOR THE DRYING OF CROCKERY IN A DISHWASHER

Title (de)

VORRICHTUNG ZUM TROCKNEN VON GESCHIRR IN EINER GESCHIRRSPÜLMASCHINE

Title (fr)

DISPOSITIF DE SECHAGE DE VAISSELLE INTEGRE A UN LAVE-VAISSELLE

Publication

**EP 1284627 A2 20030226 (DE)**

Application

**EP 01929644 A 20010511**

Priority

- DE 10023346 A 20000512
- EP 0105421 W 20010511

Abstract (en)

[origin: WO0185003A2] In a device (4), for the drying of crockery in a wash chamber (2) of a dishwasher (1), hot, damp wash-chamber air forms, which may be dehumidified by means of condensation outside the wash chamber (2). In order to keep the amount of water required for the condensation small and to keep it ready for a subsequent wash cycle, a heat exchanger (5) is provided outside the wash chamber (2). The heat-exchange surface (6) thereof separates a water conducting chamber (7) and an air circulation chamber (8). The heat-exchange surface (6) is arranged such that condensate drains by gravity into an intermediate reservoir (9), which is separate from the water conducting chamber (7) and connected to the wash chamber (2), by means of a valve (13).

IPC 1-7

**A47L 1/00**

IPC 8 full level

**A47L 1/00** (2006.01); **A47L 15/48** (2006.01)

CPC (source: EP US)

**A47L 15/0034** (2013.01 - EP US); **A47L 15/483** (2013.01 - EP US); **A47L 2401/12** (2013.01 - EP US); **A47L 2401/19** (2013.01 - EP US); **A47L 2501/02** (2013.01 - EP US)

Citation (search report)

See references of WO 0185003A2

Cited by

CN105455759A; DE102013014553A1; WO2018104333A1; WO2009028803A1; US8291922B2

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**WO 0185003 A2 20011115**; **WO 0185003 A3 20020418**; AT E272351 T1 20040815; DE 10023346 A1 20011115; DE 50103120 D1 20040909; EP 1284627 A2 20030226; EP 1284627 B1 20040804; ES 2225535 T3 20050316; PL 197997 B1 20080530; PL 361313 A1 20041004; US 2003140517 A1 20030731

DOCDB simple family (application)

**EP 0105421 W 20010511**; AT 01929644 T 20010511; DE 10023346 A 20000512; DE 50103120 T 20010511; EP 01929644 A 20010511; ES 01929644 T 20010511; PL 36131301 A 20010511; US 27613802 A 20021112