

Title (en)

Programmable dishwasher with device for drying the dishes

Title (de)

Programmgesteuerte Geschirrspülmaschine mit einer Einrichtung zum Trocknen von Geschirr

Title (fr)

Lave-vaisselle commandé par programme avec dispositif pour sécher la vaisselle

Publication

**EP 1055389 A3 20020508 (DE)**

Application

**EP 00109709 A 20000508**

Priority

DE 19923914 A 19990526

Abstract (en)

[origin: EP1055389A2] The dishwasher has a device (10) for drying dishes, whereby the dishes are heated by circulated hot cleaning liquid and the moisture in the washing chamber and on the dishes is condensed during the drying process by a heat exchanger in a closed circuit with the liquid pumped out. The device has a container (11) filled with cold fresh water or regenerated flushing water during the drying process as the heat exchanger and an air channel (12) with a circulation fan (13) carrying the process air out of the wash chamber (3) in a closed circuit during drying and leading past the container. At least one side wall (15) of the container acts as channel wall forming a condensation surface.

IPC 1-7

**A47L 15/48**; **A47L 15/42**

IPC 8 full level

**A47L 15/42** (2006.01); **A47L 15/48** (2006.01)

CPC (source: EP)

**A47L 15/483** (2013.01)

Citation (search report)

- [DX] DE 3741652 A1 19890622 - BAUKNECHT HAUSGERÄTE [DE]
- [PXA] IT TO980686 A1 20000206 - BITRON SPA [IT] & EP 0978250 A2 20000209 - BITRON SPA [IT]
- [YA] DE 4233643 A1 19940407 - BOSCH SIEMENS HAUSGERÄTE [DE]
- [Y] GB 2311932 A 19971015 - ELECTROLUX ZANUSSI ELETTRODOME [IT]
- [Y] DE 8019951 U1 19801106
- [A] JP H06275275 A 19940930 - SANYO ELECTRIC CO
- [A] DE 4023315 A1 19920123 - LICENTIA GMBH [DE]
- [A] EP 0753282 A1 19970115 - PREALPINA TECNOPLASTICA [IT]
- [A] FR 2652254 A1 19910329 - ESSWEIN SA [FR]
- [A] EP 0721762 A1 19960717 - MERLONI ELETTRODOMESTICI SPA [IT]
- [A] GB 2139083 A 19841107 - BOSCH SIEMENS HAUSGERÄTE
- [E] DE 19946563 A1 20010412 - AEG HAUSGERÄTE GMBH [DE]
- [E] DE 10013415 A1 20010913 - AEG HAUSGERÄTE GMBH [DE]

Cited by

EP3384822A1; DE102004060947A1; DE10250790A1; EP2687142A3; EP2820997A3; EP1142527A3; EP2289388A3; CN108523797A; DE10122927A1; EP2192370A1; EP2117413A4; ITBO20080716A1; ITTO20120640A1; US10405728B2; US7103992B2; US9101255B2; WO2018146022A1; WO2010142569A1; WO2011080113A1; WO2011026756A3; WO2011026755A3; US8291922B2

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)

**EP 1055389 A2 20001129**; **EP 1055389 A3 20020508**; **EP 1055389 B1 20031210**; AT E255844 T1 20031215; DE 10022088 A1 20010104; DE 50004697 D1 20040122

DOCDB simple family (application)

**EP 00109709 A 20000508**; AT 00109709 T 20000508; DE 10022088 A 20000508; DE 50004697 T 20000508