

Title (en)

DEVICE FOR CONTROLLING SPRAY CHANNELS IN DISHWASHER MACHINES

Title (de)

VORRICHTUNG ZUR ANSTEUERUNG VON SPRÜHKANÄLEN IN GESCHIR RSPÜLMASCHINEN

Title (fr)

DISPOSITIF POUR COMMANDER DES CANAUX DE PULVERISATION DANS DES LAVE-VAISSELLE

Publication

**EP 1681976 B1 20080514 (DE)**

Application

**EP 04818154 A 20041104**

Priority

- EP 2004052797 W 20041104
- DE 10351785 A 20031106

Abstract (en)

[origin: US8528574B2] A dishwasher machine with a compact device for spraying items to be rinsed is provided whereby the rinsing liquid is regularly sprayed in the rinsing container and the spray jets created by the spray device can be varied. To this end, the rinsing device comprises at least one spray channel which guides a rinsing liquid and comprises, on a side thereof facing the inside of the rinsing container, openings for the rinsing liquid and two open ends via which rinsing liquid can be supplied in a pressurized manner. At least one distributor is provided for regulating the supply of rinsing liquid to the spray channel in lieu of conventional mobile components such as spray arms, and various spray patterns can be produced by means of the distributor, improving the cleaning action of the dishwasher machine.

IPC 8 full level

**A47L 15/16** (2006.01); **A47L 15/42** (2006.01)

CPC (source: EP US)

**A47L 15/16** (2013.01 - EP US); **A47L 15/4221** (2013.01 - EP US); **A47L 15/4289** (2013.01 - EP US)

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**WO 2005044071 A1 20050519**; AT E394985 T1 20080515; CN 100536753 C 20090909; CN 1878494 A 20061213; DE 10351785 A1 20050609; DE 502004007171 D1 20080626; EP 1681976 A1 20060726; EP 1681976 B1 20080514; ES 2305905 T3 20081101; NZ 546827 A 20100129; PL 1681976 T3 20081031; US 2007079850 A1 20070412; US 8528574 B2 20130910

DOCDB simple family (application)

**EP 2004052797 W 20041104**; AT 04818154 T 20041104; CN 200480032841 A 20041104; DE 10351785 A 20031106; DE 502004007171 T 20041104; EP 04818154 A 20041104; ES 04818154 T 20041104; NZ 54682704 A 20041104; PL 04818154 T 20041104; US 57838604 A 20041104