

Title (en)

Device for washing the ceiling of a dishwasher's tank

Title (de)

Vorrichtung zum Waschen der Spülbehälterdecke einer Geschirrspülmaschine

Title (fr)

Dispositif pour laver le plafond de la cuve d'un lave vaisselle

Publication

**EP 0766945 B1 20020109 (EN)**

Application

**EP 96830502 A 19961001**

Priority

IT MI952021 A 19951003

Abstract (en)

[origin: EP0766945A2] A device for washing the ceiling of a dishwasher's tank essentially consists of three members: a case (1), a coupling nut (2) and a rotor (3) that rotates about a vertical axis. The rotor (3) is made up of a plurality of vertical vanes (4) linked at their internal ends to a blind hollow cylindrical hub (5) provided with a horizontal nozzle (6) in correspondence to each vane (4). The hub (5) has a central vertical conduit (7) passing through the nut (2) so as to project into the case (1), and blocked therein by means of an O-ring (8) leaning upon a slide ring (9). Each vane (4) is essentially S-shaped and provided with an intermediate deflector (10) and an end deflector (11), in order to set the rotor (3) into rotation and to convert the horizontal jet coming out from the relevant nozzle (6) into a vertical water film. <IMAGE> <IMAGE>

IPC 1-7

**A47L 15/23**

IPC 8 full level

**A47L 15/23** (2006.01)

CPC (source: EP)

**A47L 15/0057** (2013.01); **A47L 15/23** (2013.01)

Cited by

EP1929920A1; KR20040023109A; US11439291B2; US2014150827A1; US9440266B2; EP1046370A1; US2017172370A1; US10682037B2; WO2010112330A3; US9320410B2; US10959596B2; USD885694S; USD925144S; EP1010390B1

Designated contracting state (EPC)

DE ES FR GB SE

DOCDB simple family (publication)

**EP 0766945 A2 19970409**; **EP 0766945 A3 19980701**; **EP 0766945 B1 20020109**; DE 69618409 D1 20020214; DE 69618409 T2 20020829; ES 2169789 T3 20020716; IT 1275786 B1 19971017; IT MI952021 A0 19951003; IT MI952021 A1 19970403

DOCDB simple family (application)

**EP 96830502 A 19961001**; DE 69618409 T 19961001; ES 96830502 T 19961001; IT MI952021 A 19951003