

Title (en)
Dishwashing machine with improved spray means

Title (de)
Geschirrspülmaschine mit Sprüharmen

Title (fr)
Machine à laver la vaisselle avec bras d'arrosage

Publication
EP 1040787 A1 20001004 (EN)

Application
EP 00102536 A 20000207

Priority
IT PN990033 A 19990329

Abstract (en)
A rotating spray arm (8) with main spray nozzles and auxiliary spray nozzles comprises a hydraulic commutator arrangement (20-23) adapted to solely operate either the main spray nozzles (10) or the auxiliary spray nozzles (12) when the rotating spray arm is supplied with water at a higher or lower pressure, respectively. <IMAGE>

IPC 1-7
A47L 15/23; **A47L 15/42**

IPC 8 full level
A47L 15/23 (2006.01); **A47L 15/42** (2006.01)

CPC (source: EP)
A47L 15/4282 (2013.01); **A47L 15/23** (2013.01)

Citation (search report)
• [X] EP 0795292 A2 19970917 - CANDY SPA [IT]
• [X] DE 19736919 A1 19990304 - AEG HAUSGERAETE GMBH [DE]
• [X] DE 7024995 U
• [A] EP 0659381 A1 19950628 - ZANUSSI ELETTRODOMESTICI [IT]
• [AD] DE 3830717 A1 19900322 - LICENTIA GMBH [DE]

Cited by
EP1586264A3; EP2756788A3; EP2772177A1; ITPR20120092A1; DE10134917A1; DE10134917B4; EP1767134A3; EP2612585A1; US9259138B2; WO2018206563A1; WO2017088935A1; WO2005058123A1; WO2019091666A1; WO2018083030A1; EP3178365A1; AU2016216254B2; RU2672637C1; US9375128B2; US9386903B2; US9402526B2; US9119517B2; US10499787B2; US11147430B2; US9414736B2; US10076224B2; US11160433B2; US9693672B2; US10058229B2; US10213085B2; US10602907B2; US9492055B2; US9532701B2; US10398283B2; US9295368B2; US9532699B2; US9839340B2; US10052010B2; US8753454B2; US8764908B2; US8801868B2; US8808467B2; US8871031B2; US9474434B2; US9615720B2; US10238266B2; US10335010B2; US10376127B2; US10390677B2; US10390676B2; US10602906B2; US10660498B2; US11490778B2; US11903543B2

Designated contracting state (EPC)
DE ES FR GB IT

DOCDB simple family (publication)
EP 1040787 A1 20001004; **EP 1040787 B1 20060531**; DE 60028277 D1 20060706; DE 60028277 T2 20070510; ES 2265815 T3 20070301; IT 1311215 B1 20020304; IT PN990033 A0 19990329; IT PN990033 A1 20000929

DOCDB simple family (application)
EP 00102536 A 20000207; DE 60028277 T 20000207; ES 00102536 T 20000207; IT PN990033 A 19990329