

Title (en)  
Dishwasher with rotating spray nozzles for a homogeneous water spraying

Title (de)  
Spülmaschine mit rotierenden Düsen zum homogenen Wassersprühen

Title (fr)  
Lave-vaisselle équipé de buses tournantes pour arrosage homogène

Publication  
**EP 1010390 B1 20030924 (FR)**

Application  
**EP 99403054 A 19991207**

Priority  
FR 9815831 A 19981215

Abstract (en)  
[origin: EP1010390A1] The nozzle (5) is mounted to a rotating unit (16) mounted within a fixed base (1). The nozzle has attached to it a vane (8) that includes an upwardly curved impact surface (10) that directs the jet in an upward direction. An inlet (3) is provided for a water supply.

IPC 1-7  
**A47L 15/23**; **B05B 3/06**; **B05B 3/04**

IPC 8 full level  
**A47L 15/23** (2006.01); **B05B 3/04** (2006.01); **B05B 3/06** (2006.01)

CPC (source: EP)  
**A47L 15/428** (2013.01); **B05B 3/0427** (2013.01); **B05B 3/063** (2013.01)

Citation (examination)

- US 2596693 A 19520513 - ROBERT KARLSTROM JOHAN FREDRIK
- US 2673761 A 19540330 - ROBERT KARLSTROM JOHAN FREDRIK
- EP 0766945 A2 19970409 - SMEG SPA [IT]
- US 2987260 A 19610606 - SASNETT RUSSELL M
- US 5577665 A 19961126 - CHANG JAE W [KR]

Cited by  
CN111657814A; US9326657B2; WO2007113520A3

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 1010390 A1 20000621**; **EP 1010390 B1 20030924**; AT E250384 T1 20031015; DE 69911556 D1 20031030; DE 69911556 T2 20040701; ES 2207921 T3 20040601; FR 2787007 A1 20000616; FR 2787007 B1 20010223

DOCDB simple family (application)  
**EP 99403054 A 19991207**; AT 99403054 T 19991207; DE 69911556 T 19991207; ES 99403054 T 19991207; FR 9815831 A 19981215