

Title (en)

Revolving sprinkling assembly for dishwasher provided with a device for horizontal shift

Title (de)

Einheit von rotierenden Düsen für Geschirrspülmaschine ausgestattet mit einer Einrichtung zur horizontalen Verschiebung

Title (fr)

Ensemble de buses d'arrosage tournantes pour lave-vaisselle équipé d'un dispositif de déplacement horizontal

Publication

EP 1090579 A1 20010411 (EN)

Application

EP 00830641 A 20000927

Priority

IT MI992054 A 19991001

Abstract (en)

A revolving sprinkling assembly for dishwasher includes a sprinkler (S) and a device for shifting said sprinkler (S) consisting of a mobile support means for the sprinkler (S) and an actuator means for driving the mobile support means. The latter may consist of a rotating shaft (A') provided at the top with a transverse extension (K) at whose free end there is pivoted the sprinkler (S), so that the axis of rotation (R) of the latter is eccentric with respect to axis of rotation (T) of the shaft (A'), or consist of a translating duct (N) slidably engaged onto a feed box (F). The shifting of the mobile support means is achieved through a toothed rim (Z) or a rack (H) engaged with a gear (X; X') driven into rotation by a thermoactuator or by a motor.
<IMAGE>

IPC 1-7

A47L 15/22

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [DX] EP 0727176 A2 19960821 - SMEG SPA [IT]
- [X] GB 833434 A 19600427 - SVEN GUSTAF NORD
- [DA] EP 0727177 A2 19960821 - SMEG SPA [IT]
- [A] US 5464482 A 19951107 - MICHAEL DARYL A [US], et al

Cited by

US8485205B2; DE102009007297A1; EP2606805A1; EP2039280A3; CN115722036A; ITTO20120199A1; ITTO20120200A1; CN104271024A; EP3970594A1; ITTO20120793A1; EP2708178A1; EP3378370A1; IT201700031111A1; RU2765734C2; US8347898B2; US7959744B2; WO2013156553A1; WO2013132459A1; US11826000B2; US8834648B2; US10004378B2; US10383504B2; US10667668B2; US10820780B2; US11019981B2; US9228663B2; WO2018219470A1; WO2013132458A1; WO2021018608A1

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