

Title (en)

Sprinkling assembly for dishwashers comprising a secondary oscillating sprinkler

Title (de)

Sprinkleranordnung für Geschirrspüler mit einem schwingenden Zweitsprinkler

Title (fr)

Ensemble de pulvérisation pour lave-vaisselle comprenant un deuxième gicleur oscillant

Publication

EP 2494906 A1 20120905 (EN)

Application

EP 11425050 A 20110301

Priority

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Abstract (en)

A sprinkling assembly for dishwashers includes a primary revolving sprinkler (1) and a secondary oscillating sprinkler (2) coaxially pivoted on a support (3) through which water under pressure is fed, the secondary sprinkler (2) having such a length as to project beyond the primary sprinkler (1) and being provided with opposite wash and propulsion nozzles (2a, 2b, 2c, 2d) located in the end portions projecting beyond the primary sprinkler (1) and therefore suitable to reach the portions of a rectangular wash tank not covered by the primary sprinkler (1). The sequential emission of water jets from said wash and propulsion nozzles (2a, 2b, 2c, 2d) is controlled by a rotating shutter (10) whose rotation is controlled by the rotation of the primary sprinkler (1) according to a transmission ratio greater than unity, whereby the oscillating frequency of the secondary sprinkler (2) is lower than the revolving frequency of the primary sprinkler (1).

IPC 8 full level

A47L 15/23 (2006.01); **A47L 15/20** (2006.01)

CPC (source: EP)

A47L 15/20 (2013.01); **A47L 15/23** (2013.01)

Citation (applicant)

- EP 0727176 A2 19960821 - SMEG SPA [IT]
- EP 1201178 A1 20020502 - BONFERRARO SPA [IT]

Citation (search report)

[A] EP 1201178 A1 20020502 - BONFERRARO SPA [IT]

Cited by

CN106377211A; CN110859574A; US11612299B2; US11026555B2; US11389043B2; US11464391B2

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

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