

Title (en)

Low-water-consumption rinsing and/or washing device, and dishwashing machine featuring such a device

Title (de)

Ausspülungs- bzw. Waschvorrichtung mit geringem Wasserverbrauch und Spülmaschine mit einer solchen Vorrichtung

Title (fr)

Dispositif de lavage et/ou de rinçage à faible consommation d'eau et lave-vaisselle doté d'un tel dispositif

Publication

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Application

EP 08167329 A 20081022

Priority

IT TO20070753 A 20071023

Abstract (en)

A rinsing and/or washing device (1) for an electric household appliance (2), consisting in an arm (20) rotationally mounted about a generally vertical axis (A) in a washing chamber (3) of the electric household appliance, e.g. immediately either over or under a container basket (4) of the dishes (5) to be washed, the arm delimiting a cavity (22) therein connected in use to delivering means (7) of a pressurized service fluid (8) and being provided with a plurality of spraying nozzles (23) arranged and oriented, in use, towards the dishes to be washed, reciprocally spaced in the direction of length of the arm and communicating with the internal cavity of the latter; wherein opposite ends (25,26) of the arm radially and overhangingly extend, on opposite sides, from the rotation axis (A), this being preferably positioned at the middle line of the arm (20); and wherein the number, the size and the position of the nozzles (23b,23c) are chosen so that the flow rate (Q1-Q4) of the washing fluid delivered in use by the nozzles (23b,23c) along each concentric circumference (C1-C4) which the same trace about the rotation axis (A) of the arm during a complete rotation of the same is an increasing function, preferably in an essentially linear manner, of the radius (R1-R4) of the circumference itself.

IPC 8 full level

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CPC (source: EP US)

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Citation (applicant)

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DOCDB simple family (application)

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