

Title (en)

Dishwashing apparatus including a flip-top solid detergent dispenser.

Title (de)

Geschirrspülmaschine mit Spender für festes Reinigungsmittel.

Title (fr)

Machine à laver la vaisselle avec distributeur de détergent solide.

Publication

EP 0288918 A2 19881102 (EN)

Application

EP 88106459 A 19880422

Priority

US 4443487 A 19870430

Abstract (en)

A dishwashing apparatus (1) designed in such a manner as to have one incoming waterline (79). Solid additive sources, including rinse aid (24) and detergent, are situated in containers mounted on top of the dishwashing apparatus (1), thus saving space. Said additive sources are sprayed with water and fed through product nozzles by means of a pump (15) in order to form additive solutions. Said dishwashing apparatus (1) saves rinse water containing rinse aid and chlorine sanitizer at the end of a complete cycle and reuses it during the beginning of the second complete cycle thus saving on hot water, rinse aid and sanitizer. A flip-top detergent dispenser (30) comprising a base means (31) having a funnel-shaped interior, a nozzle (22) positioned within the interior of said base means, and a detergent container support means (32) connected by a hinge means (33) to said base means (31). Said detergent container support means (32) is designed to hold only a particular shaped detergent container (23), thus helping to insure that only suitable detergent products are used in the warewashing apparatus. The flip-top detergent dispenser (30), mounted on top of the dishwashing apparatus (1), is designed so that the detergent container (23) can be inserted into and removed from the detergent holder support means (32) only in an upright position to prevent dripping of detergent solution onto the user.

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CPC (source: EP KR)

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Cited by

EP2014210A3; DE19602443A1; DE19602443C3; US9022642B2; US11058999B1; WO9107907A1; WO9107906A1; WO9307798A1; WO9418880A1

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