

Title (en)

Automatic detergent dispenser for washing machine

Title (de)

Automatischer Waschmittelspender für Waschmaschine

Title (fr)

Distributeur automatique de détergent pour machine à laver

Publication

EP 1593336 A1 20051109 (EN)

Application

EP 04381010 A 20040505

Priority

EP 04381010 A 20040505

Abstract (en)

Dispenser that allows the automatic dispensing of detergent without the intervention of auxiliary electromagnetic equipment, due to the fact that in its interior, detergent of a density of about 1.6 gr/ml is placed, that dissolves when in contact with water, and that as the drum water is renewed, its release is produced, creating a circulation of the product from the interior to outside of the container. When the activity of the dishwasher stops, the saturation created in the dissolving surface prevents the product from being able to exit. The container has an upper main aperture and with four additional apertures that will be opened depending on the need for supply of detergent. <IMAGE>

IPC 1-7

A47L 15/44

IPC 8 full level

A47L 15/44 (2006.01)

CPC (source: EP)

A47L 15/4445 (2013.01)

Citation (search report)

- [X] US 4545917 A 19851008 - SMITH JAMES A [US], et al
- [A] US 1904157 A 19330418 - RAYMOND MARTIN JOSEPH
- [A] FR 2723751 A1 19960223 - HENKEL FRANCE [FR]
- [A] US 2554393 A 19510522 - LESLIE WEBB
- [A] US 5186912 A 19930216 - STEINDORF RICHARD E [US], et al
- [A] GB 362745 A 19311210 - PITTSBURGH CLEANSER LAB INC

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1593336 A1 20051109

DOCDB simple family (application)

EP 04381010 A 20040505