

Title (en)

Container for liquid detergents and additives to be used in domestic washing machines and machines provided with said container.

Title (de)

Behälter für flüssige Wasch- und Zusatzmittel, zu gebrauchen in Haushaltswaschmaschinen, und Maschinen mit einem solchen Behälter ausgestattet.

Title (fr)

Réservoir de lessive liquide et additifs à utiliser dans les machines à laver domestiques et machines pourvues de tels réservoirs.

Publication

EP 0554226 A1 19930804 (EN)

Application

EP 93830023 A 19930126

Priority

IT MI920142 A 19920127

Abstract (en)

A container (2) for liquid detergents and additives may be used in domestic washing machines (1) or dishwashers being positioned inside these in their upper part, included between the tank (10) or washing volume and the top cover (4). Said container develops mainly horizontally, so that it makes the most of the area of the machine cross section to have a greater capacity with a not too great thickness while obstructing the access to the inner part of the machine (1). It is divided in several sections (2a,2b), each one with its loading port (8) and closing plug (9), as well as with an outlet port controlled by an electric valve or pump (7) controlled by a machine timer (6) for the inflow of the respective liquid in the washing area. The top cover will be preferably liftable for the loading of the different sections of the container (2) through the respective ports, for example being hinged on the rear side (5) of the machine itself or of the container. <IMAGE>

IPC 1-7

A47L 15/44; D06F 39/02

IPC 8 full level

A47L 15/44 (2006.01); **D06F 39/02** (2006.01)

CPC (source: EP US)

A47L 15/4418 (2013.01 - EP); **D06F 39/022** (2013.01 - EP US)

Citation (search report)

- [X] US 3207373 A 19650921 - PAUL DANNENMANN
- [Y] EP 0128073 A1 19841212 - ESSWEIN SA [FR]
- [A] FR 2606430 A1 19880513 - BOSCH SIEMENS HAUSGERAETE [DE]
- [A] DE 1503761 A1 19690430 - CONSTRUCTA WERKE GMBH
- [A] US 2699886 A 19550118 - JAMES JR MARK S

Cited by

EP2420608A1; JP2019115793A; GB2432577A; ES2113236A1; JP2021010646A

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