

Title (en)

Liquids distributor for a washing machine.

Title (de)

Vorrichtung zur Zugabe flüssigen Spülmittels in eine Waschmaschine.

Title (fr)

Distributeur de produits liquides pour une machine à laver.

Publication

EP 0077463 A2 19830427 (EN)

Application

EP 82108366 A 19820910

Priority

IT 4573081 A 19811015

Abstract (en)

Liquid detergent distributor for a washing machine, disposed in a lower portion of the machine below the washing tub thereof and comprising a container for storing the liquid detergents, communicating with a metering chamber disposed therebelow via an automatic valve. Said metering chamber is divided into two hermetically separated chambers by means of a flexible diaphragm. One of said compartments is connected to the washing tub, while the other compartment is connected to the washing tub and to a water supply. The latter compartment is adapted to be intermittently supplied with water so as to transfer metered amounts of the liquid detergents to the tub.

IPC 1-7

D06F 39/02

IPC 8 full level

D06F 39/02 (2006.01)

CPC (source: EP US)

D06F 39/022 (2013.01 - EP US)

Cited by

US8006522B2; EP2142697A4; DE4109757A1; EP0096260A1; CN106894203A; EP2145040A4; US10273624B2; USD866887S; US6349440B1; USD874764S; USD848692S; EP2708633A1; EP2708634A1; EP2708635A1; CN104641032A; EP2894249A1; EP2905369A1; CN105002702A; JP2015531648A; WO2020012027A1; WO03023121A1; US8739578B2; WO2008120930A2; USD899720S; US11299839B2; USD958479S; KR101362783B1; WO9827858A3; WO2018153017A1; US9217218B2; US9528216B2; US9540755B2; US10081901B2; US10190251B2; USD865306S; USD900418S

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0077463 A2 19830427; EP 0077463 A3 19840606; ES 516280 A0 19831001; ES 8308947 A1 19831001; IT 1147142 B 19861119; IT 8145730 A0 19811015

DOCDB simple family (application)

EP 82108366 A 19820910; ES 516280 A 19821006; IT 4573081 A 19811015