

Title (en)

Device for distributing a washing agent, particularly for a dishwasher

Title (de)

Vorrichtung zur Abgabe von Waschmittel, insbesondere für eine Geschirrspülmaschine

Title (fr)

Dispositif de distribution d'agents de lavage, notamment pour machine à laver

Publication

EP 1723893 A3 20071128 (EN)

Application

EP 06113918 A 20060515

Priority

IT TO20050331 A 20050516

Abstract (en)

[origin: EP1723893A2] The device is intended in particular for a dishwasher (1) provided with a front door (5) oscillating around a substantially horizontal axis (A-A). It comprises a support structure (11) intended to be fixed to the internal face of the door (5) and in which a tub receptacle (17) is defined, operatively turned towards the inside of the machine (1) and suitable for holding a quantity of washing agent, a lid (20) guided in a sliding manner in the structure (11) and manually displaceable, against the action of a recall spring (44), from an open position to a closed position of the receptacle, respectively distant from and close to said axis (A-A); and a retention device (30, 31) associated with the lid (20) and suitable for retaining it in the closed position, against the action of the recall springs (44). The retention device (30, 31) is fitted in the support structure (11) at one side of the receptacle (17) different from the one closest to said axis (A-A) and can be deactivated by means of an electrically controlled actuator device (37), as well as by means of a manually activated release element (40) which is also mounted moveably in the support structure (11) at one side of the receptacle (17) different from the side closest to said axis (A-A).

IPC 8 full level

A47L 15/44 (2006.01)

CPC (source: EP)

A47L 15/4409 (2013.01)

Citation (search report)

- [X] EP 0780087 A2 19970625 - BOSCH SIEMENS HAUSGERAETE [DE], et al
- [X] WO 03045214 A2 20030605 - ELTEK SPA [IT], et al
- [A] DE 20216589 U1 20030123 - ELBI INT SPA [IT]
- [A] EP 1226779 A2 20020731 - ELTEK SPA [IT]
- [A] US 3419190 A 19681231 - KAUFFMAN MELVIN R, et al

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EP1989988A1; EP2138088A1; US2014196754A1; US9474435B2; US8499773B2; DE102013226985B4; US10660500B2; CN102665521A; EP3335615A1; US2018168423A1; WO2008080799A1; WO2007116354A3

Designated contracting state (EPC)

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Designated extension state (EPC)

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DOCDB simple family (publication)

EP 1723893 A2 20061122; EP 1723893 A3 20071128; EP 1723893 B1 20091202; DE 602006010760 D1 20100114; ES 2337387 T3 20100423; IT TO20050331 A1 20061117; PL 1723893 T3 20100430

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