

Title (en)

A washing agent dispensing device for a washing machine for household use, in particular a dishwasher, and washing machine thereof

Title (de)

Waschmittelspendervorrichtung für eine Waschmaschine für Haushaltszwecke, insbesondere einen Geschirrspüler, und Waschmaschine dafür

Title (fr)

Dispositif de distribution d'agent de nettoyage pour machine à laver pour utilisation domestique, en particulier un lave-vaisselle et machine à laver correspondante

Publication

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Application

**EP 12151540 A 20120118**

Priority

IT TO20110051 A 20110124

Abstract (en)

The present invention relates to a washing agent dispensing device (10) for a washing machine (1) for household use, in particular a dishwasher, said dispensing device (10) comprising: - at least one compartment (11) associated with a lid (12) for sealing a detergent agent into said at least one compartment (11); - a locking mechanism (13) for holding the lid (12) in the closed position; - activating means (30, 31) for activating said locking mechanism (13) in order to open the lid (12); - a container (20) for containing a rinse aid agent, in particular said container (20) being associated with release means (21) which allow the rinse aid agent to be dispensed during a rinse step. The invention is characterized in that said activating means comprise a movable member (30) rotatably mounted about a pin (P) and an actuating element (31) secured through a first end (31A) to the dispensing device (10) and through a second end (31B) to the movable member (30), said actuating element (31) being adapted to drive the movable member (30): - in a first rotation direction (S1) about said pin (P) in order to activate said locking mechanism (13) and open the lid (12); - in a second rotation direction (S2) about said pin (P) in order to activate said release means (21) and dispense the rinse aid agent contained in the container (20), said dispensing device (10) comprising elastic means (40) associated with said movable member (30) so as to allow switching from said first rotation direction (S1) to said second rotation direction (S2).

IPC 8 full level

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CPC (source: EP)

**A47L 15/4409** (2013.01); **A47L 15/449** (2013.01)

Citation (applicant)

US 2004118434 A1 20040624 - VIRGILIO STEPHEN [US], et al

Citation (search report)

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