

Title (en)

Multidose detergent dispenser for dishwasher

Title (de)

Mehrfachdosierungsspender für Geschirrspülmaschinen

Title (fr)

Distributeur multidose de détergents pour machine à laver la vaisselle

Publication

**EP 1493375 A1 20050105 (EN)**

Application

**EP 03425444 A 20030704**

Priority

EP 03425444 A 20030704

Abstract (en)

In a detergent dispenser for dishwasher consisting of a body (1) in which there is formed a load bay (4) that can be closed by a spring-loaded lid (6), a protective shell (5) and a dosing member (2) divided into a plurality of compartments by dividing plates (3) provided with relevant peripheral gaskets (3'), the dosing member (2) is movable between the bay (4) and the shell (5) by means of a pair of threaded bars (7) engaging corresponding internally threaded tubes (7') and controlled by an electric motor (9) through reduction gears (8). The present multidose dispenser is extremely reliable, in that even if the detergent lumps the dispensing mechanism remains unaffected and the sprinkler can wash the detergent away into the washing liquid, it can be used with any type of detergent (powdered, liquid or in tablets) and thanks to its compact size it can be arranged in the dishwasher door same as the conventional basin dispenser.

IPC 1-7

**A47L 15/44**

IPC 8 full level

**A47L 15/44** (2006.01)

CPC (source: EP)

**A47L 15/4463** (2013.01)

Citation (search report)

- [XA] WO 02058528 A1 20020801 - UNILEVER PLC [GB], et al
- [A] DE 10158604 A1 20030618 - AEG HAUSGERAETE GMBH [DE]
- [E] GB 2386129 A 20030910 - RECKITT BENCKISER NV [NL]
- [A] DE 4344205 A1 19950629 - AWECO KUNSTSTOFFTECH GERAETE [DE]
- [A] DE 19636417 A1 19980312 - AEG HAUSGERAETE GMBH [DE]
- [A] US 3178915 A 19650420 - WILHELM HERTEL
- [A] DE 19540958 A1 19970507 - AEG HAUSGERAETE GMBH [DE]
- [A] WO 8806199 A1 19880825 - CURRY'S GROUP PLC [GB]

Cited by

CN102625868A; EP2772180A3; EP3173004A1; DE102004018911A1; EP4094662A1; US11390981B2; US11089939B2; US11805964B2; US11019982B2; WO2009022101A1; WO2018099899A1; WO2009022223A3; WO2012063077A3; US8651336B2; EP2772180A2; US7913639B2; US11445885B2; US11585037B2; US11918166B2

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