

Title (en)

A retaining structure for the seal of detergent receptacle

Title (de)

Haltestruktur für die Dichtung eines Reinigungsmittelbehälters

Title (fr)

Structure de retenue pour le joint d'étanchéité de récipient de détergent

Publication

EP 2752144 A1 20140709 (EN)

Application

EP 13199373 A 20131223

Priority

TR 201300085 A 20130103

Abstract (en)

A retaining structure preventing the movement of a seal (20), said retaining structure comprises a lug (131) configured on a cover (13) mating the shape of a detergent receptacle (10a), a groove (133) positioned at the perimeter of said lug (131) and wherein the seal (20) can be positioned, and at least one retaining member (132) configured around the lug (131) at said groove (133). Said retaining member (132) having a surface, said seal (20) being located in use between said groove (133) and said surface, thereby preventing the seal (20) getting out of the groove (133) by contacting with the seal (20) with said surface. The retaining structure is suitable for a detergent dispenser of a dishwasher.

IPC 8 full level

A47L 15/44 (2006.01)

CPC (source: EP)

A47L 15/4409 (2013.01)

Citation (search report)

- [Y] US 2012279978 A1 20121108 - DA PONT PAOLO [IT], et al
- [Y] US 2003098550 A1 20030529 - GROH WILLIAM S [US], et al
- [Y] DE 102011006791 A1 20121011 - BSH BOSCH SIEMENS HAUSGERAETE [DE]
- [A] JP H07239035 A 19950912 - NOK CORP
- [A] DE 202006010534 U1 20060907 - LEHNHOFF HARTSTAHL GMBH & CO K [DE]
- [A] JP S58106261 A 19830624 - AIDA ENG LTD
- [A] DE 7933519 U1 19800306
- [XP] ANONYMOUS: "LG 4924FD2123E Dispenser", 17 February 2014 (2014-02-17), XP055102621, Retrieved from the Internet <URL:https://www.encompassparts.com/item/6692146/LG/4924FD2123E/Dispenser> [retrieved on 20140217]
- [L] ANONYMOUS: "LG LDF6920ST Support: Find Manuals & Warranty Info | LG USA", 5 July 2012 (2012-07-05), XP055102606, Retrieved from the Internet <URL:http://www.lg.com/us/support-product/lg-LDF6920ST#> [retrieved on 20140217]

Cited by

CN105534460A; PL423111A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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