

Title (en)

Cork based closure, with double seal protection diaphragm

Title (de)

Korkbasierter Verschluss mit doppelter Siegelschutzmembran

Title (fr)

Fermeture à base de liège avec diaphragme de protection à joint double

Publication

EP 2657148 A1 20131030 (EN)

Application

EP 12165736 A 20120426

Priority

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Abstract (en)

The closure (10) comprises a substantially cylindrical cork-based part (12) and a circular diaphragm (14) applied coaxially to that face (16) of the cork-based part (12) intended to lie inside the bottle (11). The diaphragm (14) is of plastic material suitable for contact with foods and has a diameter less than the maximum diameter of the cork-based part (12), but greater than the inner diameter of the neck of the bottle (11). The diaphragm (14) comprises: a coaxial circular first portion (18) of diameter just greater than the inner diameter of the relative neck part of the bottle (11), such that the first portion (18) interferes with the interior of the neck of the bottle (11) to provide a first seal; and, to provide a second seal, a more external annular second portion (20) forming a single piece with the first portion (18) and coaxial thereto. The second portion (20) has a thickness decidedly less than that of the first portion (18) at least with regard to that zone of this latter (18) closest to the second portion (20).

IPC 8 full level

B65D 39/00 (2006.01)

CPC (source: EP)

B65D 39/0058 (2013.01)

Citation (search report)

- [XAI] EP 0532367 A2 19930317 - MURRAY FRANK [GB]
- [XI] WO 2004024585 A1 20040325 - AMORIM CORK ITALIA S P A [IT], et al
- [A] WO 0158772 A1 20010816 - GUALA DISPENSING SPA [IT], et al
- [A] PT 102113 A 19980831 - ENOPLASTIC S P A [IT]
- [A] EP 1631504 A1 20060308 - FANTIN NICOLA [IT]
- [A] FR 2877319 A1 20060505 - FR DU LIEGE SA SOC [FR]

Cited by

EP3269660A1

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

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