

Title (en)

Sealing metal cap for a flask containing a culture liquid

Title (de)

Metallkapsel für einen Flakon zur Aufnahme einer Kulturflüssigkeit

Title (fr)

Capsule métallique de bouchage d'un flacon contenant un liquide de culture

Publication

EP 1457430 A1 20040915 (FR)

Application

EP 04356034 A 20040311

Priority

FR 0303104 A 20030313

Abstract (en)

The capsule has a head (2) presenting a tearable protective cover. A wall (3) has a lower part with a pilfer-proof ring (5) and a flange (10) for supporting a water tight joint (12) that is presented in the form of a disc. The wall has a threading complement to a threading of a neck (8) of a flask (9). The ring is connected to the wall by a bridging piece.

Abstract (fr)

La capsule selon l'invention comprend une tête (2) présentant un opercule (14) déchirable, une jupe (3) présentant une bague d'inviolabilité (5) sur sa partie inférieure et une collerette (10) sur laquelle vient en appui un joint d'étanchéité (12). <IMAGE>

IPC 1-7

B65D 51/00; **B65D 41/34**

IPC 8 full level

B65D 41/34 (2006.01); **B65D 51/00** (2006.01)

CPC (source: EP)

B65D 41/3485 (2013.01); **B65D 51/002** (2013.01)

Citation (applicant)

- WO 0183314 A1 20011108 - CAPPARUCCINI ROBERTO [IT]
- EP 0794129 A1 19970910 - RUMPLER TECHNOLOGIES [FR]
- US 622398 A 18990404

Citation (search report)

- [DX] WO 0183314 A1 20011108 - CAPPARUCCINI ROBERTO [IT]
- [XD] US 6223918 B1 20010501 - BROWNE MARTIN [NO]
- [XD] EP 0794129 A1 19970910 - RUMPLER TECHNOLOGIES [FR]
- [A] EP 0599256 A1 19940601 - ERNST VERPACKUNGEN AG [CH]
- [A] US 3912102 A 19751014 - MICHEL FRANK

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1457430 A1 20040915; FR 2852294 A1 20040917; FR 2852294 B1 20060113

DOCDB simple family (application)

EP 04356034 A 20040311; FR 0303104 A 20030313