

Title (en)
Cap for containers for liquid products

Title (de)
Verschluss für Behälter flüssiger Produkte

Title (fr)
Bouchon pour récipients de produits liquides

Publication
EP 1216930 B1 20040526 (FR)

Application
EP 00403654 A 20001222

Priority
EP 00403654 A 20001222

Abstract (en)
[origin: EP1216930A1] The cap, consisting of a lateral skirt (1) with an internal thread, a lower security strip and a top plate (2), has a seal in the form of an inner shoulder (4) in the zone where the skirt adjoins the top plate, equipped with an elastic peripheral lip (3) which points downwards when at rest and fits between a radial projection (41) on the shoulder and the rounded outer edge (b) of the container neck (C) when the cap is closed. A variant of the design has a second annular seal lip interacting with the inner edge of the container neck, and the lip can be carried by a separate component fitted inside the cap.

IPC 1-7
B65D 41/04; **B65D 41/34**

IPC 8 full level
B65D 41/04 (2006.01); **B65D 41/34** (2006.01)

CPC (source: EP)
B65D 41/0421 (2013.01); **B65D 41/3428** (2013.01)

Cited by
US7975864B2; FR2863589A1; US7431877B2; US8950610B2; WO2008040602A1; US7503468B2

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
EP 1216930 A1 20020626; **EP 1216930 B1 20040526**; AR 032029 A1 20031022; AT E267747 T1 20040615; BR 0116748 A 20040113; CN 1246195 C 20060322; CN 1482984 A 20040317; DE 60011112 D1 20040701; DE 60011112 T2 20050728; DK 1216930 T3 20041004; ES 2225058 T3 20050316; HK 1064349 A1 20050128; MX PA03005772 A 20050125; PE 20020644 A1 20020816; PT 1216930 E 20041029; RU 2264959 C2 20051127; TR 200402130 T4 20041021; UA 75903 C2 20060615; WO 02051712 A1 20020704; ZA 200304952 B 20040825

DOCDB simple family (application)
EP 00403654 A 20001222; AR P010105989 A 20011221; AT 00403654 T 20001222; BR 0116748 A 20011218; CN 01821128 A 20011218; DE 60011112 T 20001222; DK 00403654 T 20001222; EP 0115028 W 20011218; ES 00403654 T 20001222; HK 04107074 A 20040916; MX PA03005772 A 20011218; PE 2001001283 A 20011220; PT 00403654 T 20001222; RU 2003119135 A 20011218; TR 200402130 T 20001222; UA 2003065803 A 20011218; ZA 200304952 A 20030625