

Title (en)
COMPOSITE CLOSURE CAP

Title (de)
KOMPOSITVERSCHLUSSKAPPE

Title (fr)
CAPSULE DE BOUCHAGE COMPOSITE

Publication
EP 1237795 B1 20041110 (FR)

Application
EP 00990054 A 20001211

Priority
• FR 0003470 W 20001211
• FR 9915750 A 19991214

Abstract (en)
[origin: WO0144066A1] The invention concerns a cap (1) comprising an assembly consisting of: a) a plastic insert (2) comprising a head (3) with closure means (31, 32) and a threaded skirt (4), and b) a metal wall. The invention is characterised in that: 1) said metal wall (5) covers all or part of the outer surface of said insert (2) and includes at least a metal skirt (51) for receiving said skirt (4) of said insert (2); said metal skirt (51) includes an edge (510) crimped to said insert (2) so as to assemble together said metal wall (5) and said insert (2); 3) said cap comprises means designed to provide weight and/or volume to the part of said cap located above said sealing closure means (31, 32).

IPC 1-7
B65D 41/04

IPC 8 full level
B65D 41/04 (2006.01); **B65D 51/24** (2006.01); **B65D 41/62** (2006.01)

CPC (source: EP KR US)
B65D 41/04 (2013.01 - KR); **B65D 41/045** (2013.01 - EP US); **B65D 41/0492** (2013.01 - EP US)

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)
WO 0144066 A1 20010621; AR 029781 A1 20030716; AT E281983 T1 20041115; AU 2686101 A 20010625; AU 774146 B2 20040617; BR 0016359 A 20021001; CA 2393736 A1 20010621; CN 1413159 A 20030423; CZ 20022436 A3 20040317; DE 60015794 D1 20041216; DE 60015794 T2 20051006; EP 1237795 A1 20020911; EP 1237795 B1 20041110; ES 2231302 T3 20050516; FR 2802181 A1 20010615; FR 2802181 B1 20020118; HU P0203522 A2 20030328; HU P0203522 A3 20030428; JP 2003516912 A 20030520; KR 20020064938 A 20020810; MX PA02005864 A 20030128; NO 20022807 D0 20020612; NO 20022807 L 20020814; NZ 519345 A 20040625; PL 201737 B1 20090529; PL 355621 A1 20040504; SK 9822002 A3 20021203; US 2003042220 A1 20030306; US 6913160 B2 20050705; ZA 200204293 B 20030818

DOCDB simple family (application)
FR 0003470 W 20001211; AR P000106611 A 20001213; AT 00990054 T 20001211; AU 2686101 A 20001211; BR 0016359 A 20001211; CA 2393736 A 20001211; CN 00817097 A 20001211; CZ 20022436 A 20001211; DE 60015794 T 20001211; EP 00990054 A 20001211; ES 00990054 T 20001211; FR 9915750 A 19991214; HU P0203522 A 20001211; JP 2001545166 A 20001211; KR 20027007618 A 20020614; MX PA02005864 A 20001211; NO 20022807 A 20020612; NZ 51934500 A 20001211; PL 35562100 A 20001211; SK 9822002 A 20001211; US 14940402 A 20020708; ZA 200204293 A 20020529