

Title (en)
OVERCAP CLOSURES WITH ROLLED APRON

Title (de)
SCHUTZKAPPEN MIT GEROLLTER SCHÜRZE

Title (fr)
CAPSULES DE SURBOUCHAGE A JUPE ROULEE

Publication
EP 1303444 B1 20041103 (FR)

Application
EP 01954057 A 20010704

Priority
• FR 0102141 W 20010704
• FR 0008805 A 20000706

Abstract (en)
[origin: WO0202425A1] The invention concerns an overcap (1, 11, 12) comprising a rolled skirt (3) and a head (2) fixed to said rolled skirt, along a circular junction zone (4) common to said skirt and said head. The invention is characterised in that: 1) said head is made of a first material capable of being deformed to form a head with fold-free rim, the rim having an axial height H between 1 and 5 mm; 2) said rolled skirt (3) comprises an upper end (30), necked-in over at least a width of 1 mm, co-operating with said rim to form said circular junction zone, the rolled skirt (3) being made of a second strip material (6) with lower mechanical properties than those of the first material (5); 3) the circular junction zone (4), common to the rim (20, 21, 22) and to the upper end (30), extends over a width L not less than 0.5 mm.

IPC 1-7
B65D 41/62

IPC 8 full level
B65D 41/62 (2006.01)

CPC (source: EP US)
B65D 41/62 (2013.01 - EP US); **Y10T 29/49906** (2015.01 - 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 0202425 A1 20020110; AR 032463 A1 20031112; AT E281366 T1 20041115; AU 2001276417 B2 20050714; AU 7641701 A 20020114; BG 107409 A 20030930; BR 0112215 A 20030506; CA 2414828 A1 20020110; CA 2414828 C 20100511; CZ 20023974 A3 20040414; DE 60106923 D1 20041209; DE 60106923 T2 20051208; EP 1303444 A1 20030423; EP 1303444 B1 20041103; ES 2231524 T3 20050516; FR 2811300 A1 20020111; FR 2811300 B1 20030214; HU P0300949 A2 20030828; HU P0300949 A3 20051128; NZ 522929 A 20050324; PL 359099 A1 20040823; RU 2003103438 A 20040620; US 2003183597 A1 20031002; US 7156248 B2 20070102; UY 26821 A1 20010827

DOCDB simple family (application)
FR 0102141 W 20010704; AR P010103192 A 20010704; AT 01954057 T 20010704; AU 2001276417 A 20010704; AU 7641701 A 20010704; BG 10740902 A 20021219; BR 0112215 A 20010704; CA 2414828 A 20010704; CZ 20023974 A 20010704; DE 60106923 T 20010704; EP 01954057 A 20010704; ES 01954057 T 20010704; FR 0008805 A 20000706; HU P0300949 A 20010704; NZ 52292901 A 20010704; PL 35909901 A 20010704; RU 2003103438 A 20010704; US 31134103 A 20030103; UY 26821 A 20010706