

Title (en)
Cap for containers with breakable seal

Title (de)
Verschluss für Behälter mit Originalitätssicherungselement

Title (fr)
Fermeture pour récipients avec bande de garantie

Publication
EP 1535855 B1 20100414 (EN)

Application
EP 04019260 A 20040813

Priority
IT GE20030080 A 20031015

Abstract (en)
[origin: EP1535855A1] Cap for containers with seal breakable by unscrewing of the lid, where such cap is made up of a lid (1) and a body (7), where the lid (1) is screwed onto the body (7) and the body (7) is mounted by snap fitting with axial pressure on the container (13), where the lid (1) is fitted in its lower zone with a guarantee ring (2, 2',15) linked to the lid itself by means of breakable peduncles (3), where said guarantee ring (2, 2',15) is fitted on its lower part with serrations (4), where the body (7) of the cap is fitted with a central pouring spout (8) with a drip catching upper rim (9), where the body (7) of the cap is fitted with a bowl (10) with a closed bottom having the function of stopping the formation of bubbles, where said bowl (10) is sustained by radial (11) or circular (18, 19) beams, where the body (7) of the cap is fitted in the lower part with a ring conformation (12), aimed at receiving by snapping on the upper mouth of the container (13), where the body (7) of the cap is fitted on the outside of the upper part of the ring conformation (12) with serrations (14) turned upwards and corresponding to the serrations (4) turned downwards of the guarantee ring (2, 2',15), so that in order to carry out pouring of the content, one unscrews the lid (1) and this provokes, by opposition to that manoeuvre created by the serrations (4, 14), breakage of the breakable peduncles (3) and of the guarantee ring (2, 2',15). <IMAGE>

IPC 8 full level
B65D 47/12 (2006.01)

CPC (source: EP)
B65D 47/123 (2013.01); **B65D 2401/50** (2020.05)

Cited by
ITMI20120931A1; US9061802B2; ES2539247R1

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 1535855 A1 20050601; EP 1535855 B1 20100414; EP 1535855 B8 20100714; AT E464240 T1 20100415; DE 602004026529 D1 20100527; ES 2344642 T3 20100902; IT GE20030080 A1 20050416; PT 1535855 E 20100719

DOCDB simple family (application)
EP 04019260 A 20040813; AT 04019260 T 20040813; DE 602004026529 T 20040813; ES 04019260 T 20040813; IT GE20030080 A 20031015; PT 04019260 T 20040813