

Title (en)
Cap for container

Title (de)
Aufsetzkappe

Title (fr)
Capuchon pour récipient

Publication
EP 1584573 A3 20061122 (DE)

Application
EP 05101770 A 20050308

Priority
• DE 102004014049 A 20040319
• DE 102004060895 A 20041217

Abstract (en)
[origin: EP1584573A2] The attachment has an outlet-tube section (16) that is fixed in it by a flexible, bellows-like connecting wall (15). The connecting wall permits vertical movement of the outlet-tube section. The tube section is designed to separate a sealing foil (5) that is placed on mouth of a bottle-type container, where the attachment is held on the mouth of the bottle in a lockable manner. An independent claim is also included for a plastic injection process for manufacturing a cap attachment.

IPC 8 full level
B65D 51/22 (2006.01); **B65D 51/28** (2006.01)

CPC (source: EP)
B65D 51/226 (2013.01); **B65D 51/2835** (2013.01); **B65D 2251/0015** (2013.01); **B65D 2251/0056** (2013.01); **B65D 2251/0093** (2013.01)

Citation (search report)
• [XY] US 2002040856 A1 20020411 - MOLLSTAM BO [SE], et al
• [XY] US 5853109 A 19981229 - ELLIOTT JOHN [US]
• [X] US 4869399 A 19890926 - DUBACH WERNER F [CH]
• [X] US 5992668 A 19991130 - ELLIOTT JOHN [US]
• [PX] WO 2004113184 A2 20041229 - TETRA LAVAL HOLDINGS & FINANCE [CH], et al
• [Y] BLEISCH: "Lexikon Verpackungstechnik", 2003, B.BEHR'S VERLAG, HAMBURG, XP002384497

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EP2990350A1; KR102602968B1; EP2131885A4; US8109236B2; US8668400B2; WO2008061766A1; WO2009056653A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR LV MK YU

DOCDB simple family (publication)
EP 1584573 A2 20051012; EP 1584573 A3 20061122; DE 102004060895 A1 20051006

DOCDB simple family (application)
EP 05101770 A 20050308; DE 102004060895 A 20041217