

Title (en)
Anti-choking closure for container

Title (de)
Verschlusksichere Verschlusskappe für Behälter

Title (fr)
Capuchon anti-étouffement pour récipient

Publication
EP 2253555 A1 20101124 (DE)

Application
EP 10163268 A 20100519

Priority
DE 202009007163 U 20090519

Abstract (en)
The cap (1) has a base body engaged with a container i.e. beverage bag, and a wing (5) laterally projecting over a lateral surface of the base body with respect to a closing direction for operation of the cap. The wing comprises two lateral sections (5a, 5b) aligned with one another. The wing comprises a bow-shaped section (5c) that connects the lateral sections, so that a recess (7) is formed between the wing and the base body, where the wing has a triangular form. The cap is screwable and formed as a wing cap, which is not swallowed by infants.

Abstract (de)
Beschrieben wird eine verschlucksichere Verschlusskappe (1) für Behälter, wie beispielsweise Getränkebeutel. Dadurch, dass die Verschlusskappe (1) als Flügelkappe ausgebildet ist, die von Kleinkindern nicht verschluckt werden kann, kann das von der Verschlusskappe (1) ausgehende Gesundheitsrisiko für Kleinkinder minimiert werden.

IPC 8 full level
B65D 51/24 (2006.01); **B65D 81/36** (2006.01)

CPC (source: EP KR US)
B65D 41/04 (2013.01 - KR US); **B65D 51/24** (2013.01 - KR); **B65D 51/242** (2013.01 - EP US); **B65D 81/366** (2013.01 - EP US); **B65D 25/28** (2013.01 - US); **B65D 25/2802** (2013.01 - US); **B65D 2213/00** (2013.01 - EP US)

Citation (search report)

- [X] EP 2033906 A1 20090311 - IPN IP BV [NL]
- [X] US 2004238564 A1 20041202 - BOURQUE RAYMOND ANTHONY [US], et al
- [X] WO 03039985 A1 20030515 - YIM HYUNG YUN [KR]
- [X] DE 102005028992 A1 20070104 - OBIEGLO HELMUT [DE]
- [X] FR 1404567 A 19650702
- [X] WO 9957034 A1 19991111 - HOKKANEN SAMI [FI], et al

Cited by
US9938048B2

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)
BA ME RS

DOCDB simple family (publication)
DE 202009007163 U1 20101014; BR PI1001618 A2 20140415; CA 2701415 A1 20101119; CA 2701415 C 20120807; CY 1113517 T1 20160622; CY 1114278 T1 20160831; DK 2253555 T3 20120820; DK 2468658 T3 20131014; EP 2253555 A1 20101124; EP 2253555 B1 20120530; EP 2468658 A1 20120627; EP 2468658 B1 20130710; ES 2387476 T3 20120924; ES 2426335 T3 20131022; HK 1150587 A1 20120106; HK 1171725 A1 20130405; HR P20120677 T1 20121031; HR P20130940 T1 20131108; KR 20100124662 A 20101129; KR 20130087451 A 20130806; MX 2010005444 A 20101118; MX 343722 B 20161117; PL 2253555 T3 20121031; PL 2468658 T3 20131231; PT 2253555 E 20120625; PT 2468658 E 20130802; SI 2253555 T1 20120928; SI 2468658 T1 20131030; SM T201200037 B 20120907; SM T201300084 B 20130906; US 2010294773 A1 20101125; US 2014151375 A1 20140605; US 9637279 B2 20170502; US D764915 S 20160830

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DE 202009007163 U 20090519; BR PI1001618 A 20100519; CA 2701415 A 20100426; CY 121100576 T 20120627; CY 131100721 T 20130821; DK 10163268 T 20100519; DK 12160581 T 20100519; EP 10163268 A 20100519; EP 12160581 A 20100519; ES 10163268 T 20100519; ES 12160581 T 20100519; HK 11104728 A 20110513; HK 12112451 A 20121203; HR P20120677 T 20120824; HR P20130940 T 20131007; KR 20100045951 A 20100517; KR 20130066822 A 20130611; MX 2010005444 A 20100518; MX 2013012093 A 20100518; PL 10163268 T 20100519; PL 12160581 T 20100519; PT 10163268 T 20100519; PT 12160581 T 20100519; SI 201030062 T 20100519; SI 201030353 T 20100519; SM 201200037 T 20120731; SM 201300084 T 20130726; US 201414175427 A 20140207; US 201429481621 F 20140207; US 49536909 A 20090630