

Title (en)
PLASTIC CAP HAVING A POURING PROTRUSION

Title (de)
KUNSTSTOFFKAPPE MIT AUSGUSSVORSPRUNG

Title (fr)
BOUCHON EN PLASTIQUE DOTÉ D'UN BEC VERSEUR

Publication
EP 2189387 B1 20180124 (EN)

Application
EP 08827112 A 20080808

Priority
• JP 2008064291 W 20080808
• JP 2007208506 A 20070809

Abstract (en)
[origin: EP2189387A1] [Problems] To provide a plastic cap having a pouring cylinder capable of pouring the content liquid smoothly maintaining a constant liquid width even in case the degree of inclination of a container is varied to some extent at the time of pouring the content liquid, and of easily adjusting the liquid quantity. [Means for Solution] A bill 20 is formed at an upper end portion of the pouring cylinder 11 provided in a top panel 5 of a cap body 1, the bill 20 protruding outward in an inclined manner, a lower end of the pouring cylinder 11 is forming a seal surface 17 of nearly a cylindrical shape, a groove 30 is formed in the inner surface of the bill 20 in the pouring cylinder 11 and is extending from an upper end portion of the seal surface 17 up to an upper end of the bill 20, and a seal ring 29 is formed on the inner surface of the upper lid 2 so as to come into close contact with the seal surface 17 which is the inner surface of the pouring cylinder 11 when the upper lid 2 is closed.

IPC 8 full level
B65D 47/06 (2006.01); **B65D 25/40** (2006.01); **B65D 47/08** (2006.01); **B65D 47/12** (2006.01); **B65D 47/36** (2006.01)

CPC (source: EP US)
B65D 47/0838 (2013.01 - EP US); **B65D 47/36** (2013.01 - EP US); **B65D 2251/0025** (2013.01 - EP US); **B65D 2251/0093** (2013.01 - EP US)

Cited by
RU2742562C1; US11279529B2; WO2019110853A1

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

DOCDB simple family (publication)
EP 2189387 A1 20100526; **EP 2189387 A4 20120801**; **EP 2189387 B1 20180124**; CN 101821172 A 20100901; CN 101821172 B 20120125; JP 2009062091 A 20090326; KR 20100052510 A 20100519; TW 200920662 A 20090516; US 2010219186 A1 20100902; WO 2009020202 A1 20090212

DOCDB simple family (application)
EP 08827112 A 20080808; CN 200880110925 A 20080808; JP 2008064291 W 20080808; JP 2008204994 A 20080808; KR 20107004712 A 20080808; TW 97130458 A 20080808; US 67096108 A 20080808