

Title (en)

STOPPER FOR CONTAINER WITH EASY OPENING AND RETENTION OF THE CAP ONCE OPENED

Title (de)

VERSCHLUSS FÜR BEHÄLTER MIT LEICHTEM ÖFFNEN UND ZURÜCKHALTEN DER KAPPE NACH DEM ÖFFNEN

Title (fr)

BOUCHON POUR RÉCIPIENT AVEC OUVERTURE FACILE ET MAINTIEN DU CAPUCHON UNE FOIS OUVERT

Publication

**EP 3766797 A1 20210120 (EN)**

Application

**EP 20184188 A 20200706**

Priority

- IT 201900011616 A 20190712
- IT 202000006853 A 20200401

Abstract (en)

An easy-to-open cap for containers and with retention of the cover, once opened, comprising a base ring (12) and a cover (14) between which a hinge arrangement (18) is provided, which allows a stable and articulated connection between the base ring (12) and the cover (14) of the cap, an internal wall of the cover providing a threading complementary to a threading formed on a mouth of a container, wherein said hinge arrangement (18) allows the cover (14) to be brought from its closed position, aligned and integral with the base ring (12), to an open position rotated with respect to the base ring (12), said base ring (12) providing a circumferential notch (24) which extends along the whole external surface of the cap except for the area in which said hinge arrangement (18) is formed which allows at least a partial removal between the cover (14) and the base ring (12) once interposed frangible bridges (31) have been broken, opposite ends (25) of an area of the cover (14) in which the hinge arrangement (18) is formed being connected to said base ring (12) by a respective string extension (26) which ensures that the cover (14), even once unscrewed from a container mouth (13), always remains attached to it.

IPC 8 full level

**B65D 41/32** (2006.01); **B65D 41/34** (2006.01); **B65D 55/16** (2006.01)

CPC (source: EP)

**B65D 41/3423** (2013.01); **B65D 55/16** (2013.01); **B65D 2251/1008** (2013.01); **B65D 2401/30** (2020.05)

Citation (search report)

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- [XAI] US 2012024815 A1 20120202 - KWON SI JOONG [KR]
- [XAI] KR 100880006 B1 20090122 - BEST EASY CAP CO LTD [KR]
- [XAI] JP 2014031202 A 20140220 - NIPPON CLOSURES CO LTD
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Cited by

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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 RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 3766797 A1 20210120**; **EP 3766797 B1 20230222**; ES 2944464 T3 20230621

DOCDB simple family (application)

**EP 20184188 A 20200706**; ES 20184188 T 20200706