

Title (en)

METALLIC SCREW CAP WITH WARRANTY RING

Title (de)

METALLISCHE SCHRAUBVERSCHLUSSKAPPE MIT GARANTIERING

Title (fr)

BOUCHON FILETÉ MÉTALLIQUE À BAGUE DE GARANTIE

Publication

**EP 3502006 B1 20200513 (DE)**

Application

**EP 17209679 A 20171221**

Priority

EP 17209679 A 20171221

Abstract (en)

[origin: WO2019120706A1] The invention relates to a metal screw closure cap (1) having a security ring (2) made of plastic for containers having a threaded neck and a shoulder below said thread. The aim of the invention is that of the lower ring component (12) being releasably connected by a predetermined breaking line (10) to the lower edge (8) of the upper ring component (8). According to the invention, this is achieved by way of a radially inner abutment for a projection projecting inwards on the lower ring component of the security ring (2) and a beaded edge (4) open radially inwards on the lower end of the casing of the screw closure cap. The security ring (2) comprises an upper (8) ring component and a lower (7) ring component having a predetermined breaking line (10). The beaded edge (4) on the lower end of the casing of the screw closure cap engages in a circumferential groove (3) in the upper ring component of the security ring and encloses an upper section of the upper ring component.

IPC 8 full level

**B65D 41/34** (2006.01)

CPC (source: EP)

**B65D 41/3438** (2013.01)

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

DOCDB simple family (publication)

**EP 3502006 A1 20190626; EP 3502006 B1 20200513**; ES 2812701 T3 20210318; WO 2019120706 A1 20190627

DOCDB simple family (application)

**EP 17209679 A 20171221**; EP 2018079275 W 20181025; ES 17209679 T 20171221