

Title (en)
TAMPER-PROOF SCREW CAP

Title (de)
FÄLSCHUNGSSICHERER SCHRAUBVERSCHLUSS

Title (fr)
BOUCHON À VIS DAVANTAGE INVOLABLE

Publication
EP 3774568 A1 20210217 (DE)

Application
EP 19715886 A 20190402

Priority
• DE 102018108491 A 20180410
• EP 2019058262 W 20190402

Abstract (en)
[origin: WO2019197214A1] The invention relates to a screw cap made of plastic, comprising a top plate (2) and a cylindrical cap casing (3) extending downwards from the top plate, having an inner thread (4), as well as comprising a security strip (5) which is connected to the lower edge of the cap casing (3) and which is provided with radially inwardly projecting retaining elements (6), which define a smallest inner diameter of the security strip (5) in such a way that they can engage behind a retaining ring (25) with a larger diameter on neck (20) of a container such that they can remain on the neck (20) of the container after being separated from the cap casing (2), characterised in that a circumferential tear-off strip (7) extends between the lower edge of the cap casing (2) and the security strip (5), which is connected to the cap casing (2) on one side and to the security strip (5) on the other side via a respective tear line (8, 8').

IPC 8 full level
B65D 41/34 (2006.01)

CPC (source: EP US)
B65D 41/3409 (2013.01 - EP US); **B65D 2401/25** (2020.05 - EP)

Citation (search report)
See references of WO 2019197214A1

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)
DE 102018108491 A1 20191010; BR 112020017783 A2 20201222; CN 111954630 A 20201117; EP 3774568 A1 20210217; US 2021024258 A1 20210128; WO 2019197214 A1 20191017

DOCDB simple family (application)
DE 102018108491 A 20180410; BR 112020017783 A 20190402; CN 201980025018 A 20190402; EP 19715886 A 20190402; EP 2019058262 W 20190402; US 201917042295 A 20190402