

Title (en)
TAMPER-EVIDENT CLOSURE AND METHOD FOR OPENING A TAMPER-EVIDENT CLOSURE

Title (de)
GARANTIEVERSCHLUSS SOWIE VERFAHREN ZUM ÖFFNEN EINES GARANTIEVERSCHLUSSES

Title (fr)
FERMETURE INVOLABLE ET PROCÉDÉ D'OUVERTURE DE LA FERMETURE INVOLABLE

Publication
EP 4192754 A1 20230614 (DE)

Application
EP 21752064 A 20210730

Priority
• EP 20189705 A 20200805
• EP 2021071427 W 20210730

Abstract (en)
[origin: WO2022029034A1] The tamper-evident closure (1) for closing a pouring opening of a container comprises a closure cap (3) with a closure-cap axis (AV) and an engagement element (12), wherein the engagement element (12) is configured in the form of an internal thread (12a) or a bayonet-closure part (12b), also comprises a securing ring (2), which is arranged following the closure cap (3) in the direction of the closure-cap axis (AV) and concentrically in relation to the closure-cap axis (AV), further comprises a plurality of predetermined breaking crosspieces (7), by means of which the closure cap (3) is connected to the securing ring (2), wherein the closure cap (3) can be separated from the securing ring (2) by the predetermined breaking crosspieces (7) being broken, and additionally comprises a single retaining band (6), which is connected, at its first end (6g), to the closure cap (3) and, at its second end (6h), to the securing ring (2), wherein the retaining band (6) is of U-shaped or V-shaped configuration and consists of a first arm (6a), a second arm (6b) and a connecting portion (6c), which connects the first and the second arms (6a, 6b).

IPC 8 full level
B65D 55/16 (2006.01)

CPC (source: EP)
B65D 55/16 (2013.01); **B65D 41/34** (2013.01); **B65D 2401/30** (2020.05)

Citation (search report)
See references of WO 2022029034A1

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

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
EP 3950531 A1 20220209; EP 4192754 A1 20230614; WO 2022029034 A1 20220210

DOCDB simple family (application)
EP 20189705 A 20200805; EP 2021071427 W 20210730; EP 21752064 A 20210730