

Title (en)

CLOSURE-SECURING MEANS FOR A BOTTLE

Title (de)

VERSCHLUSSSICHERUNG FÜR EINE FLASCHE

Title (fr)

VERROU DE FERMETURE DESTINÉ À UNE BOUTEILLE

Publication

EP 3947869 C0 20231025 (DE)

Application

EP 20711525 A 20200304

Priority

- DE 102019204781 A 20190403
- EP 2020055728 W 20200304

Abstract (en)

[origin: WO2020200618A1] The present invention relates to a closure-securing means (100) for a bottle (F), comprising: a first housing part (102) and a second housing part (104) which are designed to enclose non-detachably an upper section of the bottle neck (F1) of the bottle to be secured, including the bottle closure, when in a secure condition, the first housing part (102) and the second housing part (104) being connected to one another movably relative to one another and being shiftable between the secure condition and a released condition in which it is possible to detach the closure-securing means (100) from the bottle neck (F1); and a locking mechanism, which is assigned to either the first housing part (102) or the second housing part (104) and is designed to lock the first housing part (102) and the second housing part (104) in the secure condition. According to the invention, the locking mechanism (400) comprises a locking pin (402), which engages with both the first housing part (102) and the second housing part (104) in the secure condition to fix said parts in the relative alignment thereof, and which can be moved by means of an actuating element (406) out of engagement with at least one of the first housing part (102) and the second housing part (104) to allow the first housing part (102) and the second housing part (104) to be transferred into the release condition.

IPC 8 full level

E05B 73/00 (2006.01); **E05B 39/00** (2006.01); **E05B 41/00** (2006.01); **E05B 47/00** (2006.01); **E05B 17/22** (2006.01)

CPC (source: EP)

E05B 47/0009 (2013.01); **E05B 73/0041** (2013.01); **E05B 17/226** (2013.01); **E05B 39/00** (2013.01); **E05B 41/00** (2013.01); **E05B 2047/0058** (2013.01); **E05B 2047/0094** (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

Participating member state (EPC – UP)

AT BE BG DE DK EE FI FR IT LT LU LV MT NL PT SE SI

DOCDB simple family (publication)

WO 2020200618 A1 20201008; DE 102019204781 A1 20201008; EP 3947869 A1 20220209; EP 3947869 B1 20231025; EP 3947869 C0 20231025

DOCDB simple family (application)

EP 2020055728 W 20200304; DE 102019204781 A 20190403; EP 20711525 A 20200304