

Title (en)

TE CLOSURE SYSTEM ESPECIALLY FOR BOTTLES OF ALCOHOL

Title (de)

TE-VERSCHLUSSSYSTEM, INSBESONDERE FÜR ALKOHOLHALTIGE FLASCHEN

Title (fr)

SYSTÈME DE FERMETURE INVOLABLE NOTAMMENT POUR BOUTEILLES D'ALCOOL

Publication

**EP 3902752 A1 20211103 (EN)**

Application

**EP 19872272 A 20191210**

Priority

- TR 201820664 A 20181227
- TR 2019051052 W 20191210

Abstract (en)

[origin: WO2020139242A1] This invention relates to a closure system (1) which provides the end purchaser with a first opening guarantee by allowing that the circumferential projections (21.2) on flat top portion (21) of the cap (20) deform permanently the top surface (31.1) of the plastic upper sleeve portion (31) after first unauthorized reclosing attempt of the closure system (1). Present invention allows permanent deformation (31.5) on top surface (31.1) of the plastic outer sleeve (30) during first unauthorized reclosing attempt, thanks to reduced top wall thickness of present plastic outer sleeve (30) through the trajectory where circumferential projections (21.2) on flat top portion (21) of the cap (20) coincide.

IPC 8 full level

**B65D 47/12** (2006.01); **B65D 51/18** (2006.01); **B65D 55/02** (2006.01)

CPC (source: EP)

**B65D 47/123** (2013.01); **B65D 51/18** (2013.01); **B65D 55/026** (2013.01); **B65D 2251/0015** (2013.01); **B65D 2251/0046** (2013.01); **B65D 2251/0087** (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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**WO 2020139242 A1 20200702**; CN 113573988 A 20211029; CN 113573988 B 20221202; EA 202191240 A1 20211029; EP 3902752 A1 20211103; EP 3902752 B1 20230913; EP 3902752 C0 20230913; ES 2960284 T3 20240304; HU E063468 T2 20240128; PL 3902752 T3 20240129; TR 201820664 A2 20200721

DOCDB simple family (application)

**TR 2019051052 W 20191210**; CN 201980085504 A 20191210; EA 202191240 A 20191210; EP 19872272 A 20191210; ES 19872272 T 20191210; HU E19872272 A 20191210; PL 19872272 T 20191210; TR 201820664 A 20181227