

Title (en)

ASSEMBLY FOR CLOSING A TUBE AND TUBE COMPRISING SAID ASSEMBLY

Title (de)

VORRICHTUNG ZUM VERSCHLIESSEN EINES ROHRES UND ROHR MIT DIESER ANORDNUNG

Title (fr)

ENSEMBLE POUR LA FERMETURE D'UN TUBE ET TUBE COMPRENANT CET ENSEMBLE

Publication

**EP 3980345 A1 20220413 (FR)**

Application

**EP 20729091 A 20200603**

Priority

- FR 1906117 A 20190607
- EP 2020065393 W 20200603

Abstract (en)

[origin: WO2020245227A1] The invention relates to an assembly for closing a tube, said assembly comprising a tube head (3) that has a neck (10) and a closing cover (5) for closing said neck (10), the assembly further comprising a cap (30) which comprises a piercing element (7) designed to perforate said closing cover (5), the neck (10) and cap (30) being configured such that the cap (30) is guided into a closed position in which said piercing element (7) has perforated the closing cover (5), said cap comprising a lateral skirt (23) which comprises at least one radially opening slot (60), wherein the neck has a protuberance (61) configured to cooperate angularly with said slot (60) in order to prevent the cap (30) from being removed once the cap (30) is in said closed position.

IPC 8 full level

**B65D 35/44** (2006.01); **B65D 51/22** (2006.01)

CPC (source: EP US)

**B65D 35/44** (2013.01 - EP US); **B65D 41/0471** (2013.01 - US); **B65D 41/34** (2013.01 - US); **B65D 50/00** (2013.01 - US); **B65D 51/222** (2013.01 - EP US); **B65D 2251/0015** (2013.01 - EP US); **B65D 2251/0093** (2013.01 - EP)

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 2020245227 A1 20201210**; CN 114007947 A 20220201; CN 114007947 B 20230929; EP 3980345 A1 20220413; FR 3096966 A1 20201211; FR 3096966 B1 20210625; MX 2021015052 A 20220118; US 2022234799 A1 20220728

DOCDB simple family (application)

**EP 2020065393 W 20200603**; CN 202080043707 A 20200603; EP 20729091 A 20200603; FR 1906117 A 20190607; MX 2021015052 A 20200603; US 202017617239 A 20200603