

Title (en)

Tamper-evident bung seal for bung container

Title (de)

Spundstopfen-Originalitätsverschluss für Spundbehälter

Title (fr)

Fermeture à bouchon de bonde inviolable pour récipients à bonde

Publication

**EP 2256056 B1 20110622 (DE)**

Application

**EP 10162832 A 20100514**

Priority

DE 102009022800 A 20090527

Abstract (en)

[origin: EP2256056A1] The closure plug (1) has an elastic clamping sleeve (16) fastened to an inner side (13) of a sealing cap disk (14). The sleeve has an annular locking element (18) radially protruded into the cavity to lock the sleeve with a ring segment-like counter-locking element (19). Outer diameter (D1) of the locking element is approximately equal to diameter (D2) of a cylinder segment-like inner wall (21) such that the locking element at an inner end (17) of the sleeve is guided before locking with the counter-locking element by the inner wall during fixing a sealing cap (5) on a bung-hole plug (4).

IPC 8 full level

**B65D 39/08** (2006.01); **B65D 55/02** (2006.01); **B65D 55/06** (2006.01)

CPC (source: EP US)

**B65D 39/088** (2013.01 - EP US); **B65D 41/48** (2013.01 - EP US); **B65D 55/024** (2013.01 - EP US); **B65D 55/0863** (2013.01 - EP US)

Cited by

AU2019221337B2; CN106163937A; KR20190083662A; CN110177745A; KR20200099589A; CN111712439A; JP2021512821A; US11352174B2; WO2019158283A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

**DE 102009022800 B3 20100819**; AT E513754 T1 20110715; EP 2256056 A1 20101201; EP 2256056 B1 20110622; EP 2256056 B2 20180704; ES 2368480 T3 20111117; ES 2368480 T5 20181116; KR 101231102 B1 20130207; KR 20100128235 A 20101207; SA 110310389 B1 20131222; US 10059490 B2 20180828; US 2010301046 A1 20101202; US 2017152077 A1 20170601

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**DE 102009022800 A 20090527**; AT 10162832 T 20100514; EP 10162832 A 20100514; ES 10162832 T 20100514; KR 20100047126 A 20100519; SA 110310389 A 20100517; US 201715412602 A 20170123; US 78745810 A 20100526