

Title (en)
SAFETY STOPPER

Title (de)
SICHERHEITSSTÖPSEL

Title (fr)
BOUCHON DE SÉCURITÉ

Publication
EP 4059616 A4 20230719 (EN)

Application
EP 19952899 A 20191114

Priority
ES 2019070781 W 20191114

Abstract (en)
[origin: EP4059616A1] Safety stopper (1) and container (7) wherein the stopper (1) comprises an inner cylindrical body (2) and an outer cylindrical body (3) concentrically positioned and joined together at their upper perimeter edges by an annular wall (4), wherein said outer cylindrical body (3) comprises an inner thread located on its inner cylindrical surface and an outer thread located on its outer cylindrical surface, wherein the container (7) comprises a gland (8) with an external thread configured to thread into the internal thread of the external cylindrical body (3) of the stopper (1), so that in the coupling position, the gland (8) is lodged in the space between the cylindrical bodies (2, 3) of the safety stopper (1), and once lodged it is blocked with the anti-opening system that both the tamper-evident stopper and the mouth of the container have integrated.

IPC 8 full level
B05B 11/10 (2023.01); **B65D 41/04** (2006.01); **B65D 51/00** (2006.01)

CPC (source: EP US)
B05B 11/1047 (2023.01 - EP); **B65D 41/0414** (2013.01 - EP); **B65D 41/0471** (2013.01 - EP); **B65D 51/002** (2013.01 - EP US)

Citation (search report)

- [X] US 2019193099 A1 20190627 - DING YAO WU [CN]
- [X] GB 842276 A 19600727 - RICHARDSON & STARLING LTD
- [X] WO 03066454 A1 20030814 - SANKYO SEIYAKUKOGYO CO LTD [JP], et al
- [A] WO 2019133464 A1 20190704 - COLGATE PALMOLIVE CO [US]
- See references of WO 2021094631A1

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

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