

Title (en)
CAN

Title (de)
DOSE

Title (fr)
BOÎTE

Publication
EP 4323281 A1 20240221 (DE)

Application
EP 22723383 A 20220415

Priority
• AT 502852021 A 20210416
• EP 2022060162 W 20220415

Abstract (en)
[origin: WO2022219176A1] The invention relates to a can containing a solid, liquid and/or gaseous medium that can have an overpressure or that can develop an overpressure during transport or storage, wherein the cylindrical can sleeve (101) of the can consists mainly of paper or cardboard material and comprises at least two wound layers and is closed at the bottom with a base element (4) and at the top with a cover element (5), wherein the innermost layer of the can sleeve (101) consists of a straight-wound barrier layer (102) which has with it a longitudinal seam running in the longitudinal direction of the can (1), wherein the longitudinal seam is sealed off on the inside by a film sheet of the barrier layer (102), which film sheet once overlaps the barrier layer (102) in the region of the longitudinal seam, or the longitudinal seam is sealed off by a sealing strip (110) extending straight in the longitudinal direction of the can, or the longitudinal seam forms a thickness increase, and the inner or outer longitudinal edge of a further layer (103, 104) of the can sleeve (101) in the form of a wound layer of paper or cardboard material lies facing the flank of the thickness increase.

IPC 8 full level
B65D 3/04 (2006.01); **B32B 27/10** (2006.01); **B65D 3/14** (2006.01); **B65D 3/22** (2006.01)

CPC (source: AT EP KR US)
B29C 53/50 (2013.01 - AT KR); **B29C 53/562** (2013.01 - EP KR); **B31C 3/00** (2013.01 - EP); **B31C 3/02** (2013.01 - AT EP KR US); **B31C 3/04** (2013.01 - AT EP KR US); **B31D 5/0086** (2013.01 - EP KR); **B31F 1/008** (2013.01 - EP KR); **B31F 1/0093** (2013.01 - EP KR); **B32B 1/08** (2013.01 - EP KR); **B32B 7/12** (2013.01 - EP KR); **B32B 27/10** (2013.01 - EP KR); **B32B 27/32** (2013.01 - EP); **B32B 27/36** (2013.01 - EP KR); **B32B 29/005** (2013.01 - EP KR); **B65B 3/027** (2013.01 - EP KR); **B65D 3/04** (2013.01 - AT EP KR US); **B65D 3/14** (2013.01 - AT EP KR US); **B65D 3/22** (2013.01 - AT EP KR US); **B31B 2105/00** (2017.07 - EP KR); **B31B 2110/20** (2017.07 - EP KR); **B32B 2307/246** (2013.01 - EP KR); **B32B 2307/265** (2013.01 - EP KR); **B32B 2307/732** (2013.01 - EP); **B32B 2307/75** (2013.01 - EP KR); **B32B 2439/66** (2013.01 - EP KR); **B32B 2439/70** (2013.01 - EP KR)

Citation (search report)
See references of WO 2022219176A1

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

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
WO 2022219176 A1 20221020; AT 524590 A4 20220715; AT 524590 B1 20220715; AU 2022258781 A1 20231026; BR 112023021463 A2 20231219; CA 3212541 A1 20221020; CN 117177914 A 20231205; CO 2023015201 A2 20231120; EP 4323281 A1 20240221; JP 2024513577 A 20240326; KR 20240019758 A 20240214; MX 2023012071 A 20231024; US 2024217693 A1 20240704

DOCDB simple family (application)
EP 2022060162 W 20220415; AT 502852021 A 20210416; AU 2022258781 A 20220415; BR 112023021463 A 20220415; CA 3212541 A 20220415; CN 202280028614 A 20220415; CO 2023015201 A 20231109; EP 22723383 A 20220415; JP 2023562520 A 20220415; KR 20237039472 A 20220415; MX 2023012071 A 20220415; US 202218287038 A 20220415