

Title (en)

ORIENTING ASSEMBLY FOR SECONDARY PACKAGES

Title (de)

ORIENTIERUNGSAANORDNUNG FÜR SEKUNDÄRVERPACKUNGEN

Title (fr)

ENSEMble D'ORIENTATION POUR EMBALLAGES SECONDAIRES

Publication

EP 3817984 A1 20210512 (EN)

Application

EP 19734834 A 20190705

Priority

- BE 201805476 A 20180706
- US 201862694531 P 20180706
- EP 2019068161 W 20190705

Abstract (en)

[origin: US2021139191A1] The present disclosure provides an orienting assembly for orienting one or more beverage containers stored within a secondary package. The orienting assembly includes a base portion having a plurality of container regions and remaining non-container regions. The orienting assembly further a layer of a predetermined material, at least partially, coated onto one or more of the plurality of the container regions such that a coefficient of friction at the coated container region is higher compared to that of non-container regions.

IPC 8 full level

B65D 5/50 (2006.01); **B65D 25/10** (2006.01); **B65D 57/00** (2006.01)

CPC (source: EP KR US)

B65D 5/50 (2013.01 - EP); **B65D 5/5035** (2013.01 - EP); **B65D 5/5052** (2013.01 - KR); **B65D 5/5059** (2013.01 - EP US);
B65D 5/5064 (2013.01 - KR); **B65D 5/5088** (2013.01 - EP); **B65D 25/10** (2013.01 - EP KR); **B65D 57/00** (2013.01 - EP KR US);
B65D 65/42 (2013.01 - US); **B65D 2571/00043** (2013.01 - EP); **B65D 2571/00067** (2013.01 - EP)

Citation (search report)

See references of WO 2020008059A1

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)

US 2021139191 A1 20210513; AR 115714 A1 20210217; BE 1026443 A1 20200129; BE 1026443 B1 20200203;
BR 112020027027 A2 20210406; CA 3105720 A1 20200109; CN 112805224 A 20210514; EP 3817984 A1 20210512;
JP 2021529706 A 20211104; KR 20210040382 A 20210413; MX 2021000123 A 20210325

DOCDB simple family (application)

US 201917257099 A 20190705; AR P190101920 A 20190705; BE 201805476 A 20180706; BR 112020027027 A 20190705;
CA 3105720 A 20190705; CN 201980058330 A 20190705; EP 19734834 A 20190705; JP 2021500224 A 20190705;
KR 20217003646 A 20190705; MX 2021000123 A 20190705