Title (en)

CARBONATED SOFT DRINK FINISH MODIFICATION

Title (de)

VERÄNDERUNG DER ENDFERTIGUNG EINES KOHLENSÄUREHALTIGEN ERFRISCHUNGSGETRÄNKS

Title (fr)

MODIFICATION DE FINITION DE BOISSON GAZEUSE NON ALCOOLISÉE

Publication

EP 3218271 A4 20180801 (EN)

Application

EP 15859648 A 20151112

Priority

- US 201462079431 P 20141113
- US 201514938596 A 20151111
- US 2015060264 W 20151112

Abstract (en)

[origin: WO2016077517A2] An apparatus and method are provided for a finish configured to define an opening to an interior of a container and to substantially reduce foaming of contents when the container is opened. The finish comprises a cylindrical body comprising a peripheral portion with a first edge and a second edge disposed at opposite ends. The first edge defines a first opening and is configured to receive a container cap. The second edge defines a second opening and is configured to receive a neck of the container. The first and second openings are in fluid communication. One or more threads on an exterior of the peripheral portion are configured to rotatably engage with one or more threads of the container cap. At least one notch is disposed at the first edge, peripheral to the first opening, and comprises a cross-sectional shape suitably formed to substantially reduce foaming of the contents.

IPC 8 full level

B65D 1/02 (2006.01); **B65D 8/00** (2006.01); **B65D 51/16** (2006.01)

CPC (source: EP US)

B65D 1/023 (2013.01 - EP US); **B65D 1/0246** (2013.01 - EP US); **B65D 11/04** (2013.01 - EP US); **B65D 23/00** (2013.01 - US); **B65D 51/1688** (2013.01 - EP US); B65D 2501/0036 (2013.01 - EP US)

Citation (search report)

- [YA] US 2004045967 A1 20040311 - BECKER GORDON P [US], et al
- [XYI] US 6102225 A 20000815 - LYNN STEPHEN R [US]
- [A] US 3181720 A 19650504 - CASSIE NORMAN M, et al
- See references of WO 2016077517A2

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

DOCDB simple family (publication)

WO 2016077517 A2 20160519; **WO 2016077517 A3 20161013**; AU 2015346342 A1 20170601; AU 2015346342 B2 20200312; CO 2017004855 A2 20170728; EP 3218271 A2 20170920; EP 3218271 A4 20180801; EP 3218271 B1 20200101; EP 3666676 A1 20200617; JP 2017533871 A 20171116; MX 2017006210 A 20180410; US 2016137331 A1 20160519

DOCDB simple family (application)

US 2015060264 W 20151112; AU 2015346342 A 20151112; CO 2017004855 A 20170515; EP 15859648 A 20151112; EP 19220245 A 20151112; JP 2017544839 A 20151112; MX 2017006210 A 20151112; US 201514938596 A 20151111