

Title (en)

CARBONATED SOFT DRINK FINISH MODIFICATION

Title (de)

MODIFIZIERUNG DER ENDFERTIGUNG EINES KOHLENSÄUREHALTIGEN ERFRISCHUNGSGETRÄNKES

Title (fr)

MODIFICATION DE FINITION DE BOISSON GAZEUSE NON ALCOOLISÉE

Publication

EP 3445665 A4 20200108 (EN)

Application

EP 17790140 A 20170420

Priority

- US 201615134264 A 20160420
- US 2017028651 W 20170420

Abstract (en)

[origin: WO2017189334A1] 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 having 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. Threads on an exterior of the peripheral portion are configured to rotatably engage with threads of the container cap. At least one notch is disposed on the first edge and comprises a cross-sectional shape suitably formed to reduce foaming of the contents during loosening of the container cap.

IPC 8 full level

B65D 1/02 (2006.01); **B65D 41/04** (2006.01); **B65D 51/16** (2006.01)

CPC (source: EP)

B65D 1/02 (2013.01); **B65D 1/0246** (2013.01); **B65D 23/00** (2013.01); **B65D 41/04** (2013.01); **B65D 51/16** (2013.01); **B65D 51/1688** (2013.01); **B65D 51/24** (2013.01); **B65D 55/02** (2013.01); **B65D 41/0421** (2013.01)

Citation (search report)

- [XYI] US 6299006 B1 20011009 - SAMONEK MICHAEL E [US]
- [XYI] US 2009008392 A1 20090108 - DE CLEIR PIARAS VALDIS [US]
- See references of WO 2017189334A1

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 2017189334 A1 20171102; AU 2017257277 A1 20181115; CA 3021791 A1 20171120; CO 2018011198 A2 20181031; EP 3445665 A1 20190227; EP 3445665 A4 20200108; JP 2019514795 A 20190606; MX 2018012805 A 20190617

DOCDB simple family (application)

US 2017028651 W 20170420; AU 2017257277 A 20170420; CA 3021791 A 20170420; CO 2018011198 A 20181019; EP 17790140 A 20170420; JP 2018555163 A 20170420; MX 2018012805 A 20170420