

Title (en)  
CONTAINER MOUTH FOR CARBONATED SOFT DRINK CONTAINER

Title (de)  
MODIFIZIERUNG DER ENDFERTIGUNG EINES KOHLENSÄUREHALTIGEN ERFRISCHUNGSGETRÄNKES

Title (fr)  
MODIFICATION DE FINITION DE BOISSON GAZEUSE NON ALCOOLISÉE

Publication  
**EP 3666676 A1 20200617 (EN)**

Application  
**EP 19220245 A 20151112**

Priority  

- US 201462079431 P 20141113
- US 201514938596 A 20151111
- EP 15859648 A 20151112
- US 2015060264 W 20151112

Abstract (en)  
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 comprising: a cylindrical body (148) comprising a peripheral portion with a first edge (152) and a second edge (156) disposed at opposite ends, the first edge defining a first opening (160) and configured to receive a container cap (164), the second edge defining a second opening (168) and configured to receive a neck (136) of the container, wherein the first and second openings are in fluid communication; one or more threads (176) on an exterior of the peripheral portion, the threads configured to rotatably engage with one or more threads (176) of the container cap (164); and at least one notch (196) disposed at the first edge, peripheral to the first opening, the at least one notch comprising 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 (applicant)  

- US 201514938596 A 20151111
- US 201462079431 P 20141113

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
- [A] US 6299006 B1 20011009 - SAMONEK MICHAEL E [US]
- [A] US 2014053513 A1 20140227 - DE CLEIR PIARAS VALDIS [US]

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