

Title (en)

METHOD OF MANUFACTURING BOTTLE-SHAPED CAN, AND BOTTLE-SHAPED CAN

Title (de)

VERFAHREN ZUR HERSTELLUNG EINER FLASCHENFÖRMIGEN DOSE UND FLASCHENFÖRMIGE DOSE

Title (fr)

PROCÉDÉ DE FABRICATION D'UNE CANETTE EN FORME DE BOUTEILLE ET CANETTE EN FORME DE BOUTEILLE

Publication

EP 2781278 A4 20150715 (EN)

Application

EP 12850533 A 20121116

Priority

- JP 2011252286 A 20111118
- JP 2012079733 W 20121116

Abstract (en)

[origin: EP2781278A1] Provided is a method for manufacturing a bottle-shaped can for holding content having strong metal corrosive properties such as sparkling wine. The method is comprised of a can trunk shaping step of shaping a cap into a diametrically reduced bottomed cylindrical can body, a top dome shaping step of forming a shoulder portion and a container mouth on the can body, a step of forming a curled portion, a thread and an annular bead on the container mouth, a seaming step of seaming a can lid to the can trunk, and an amorphization step of amorphizing a thermoplastic resin layer covering an inner surface of the container mouth on which the curled portion, the thread and the annular bead are formed

IPC 8 full level

B21D 51/26 (2006.01); **B65D 8/04** (2006.01); **B65D 23/02** (2006.01)

CPC (source: EP US)

B21D 51/26 (2013.01 - EP US); **B65D 7/42** (2013.01 - US); **B65D 23/02** (2013.01 - EP US)

Citation (search report)

- [X] JP 2004224417 A 20040812 - DAIWA CAN CO LTD
- [A] EP 1136154 A1 20010926 - DAIWA CAN CO LTD [JP]
- See references of WO 2013073647A1

Cited by

CN109332522A; CN107445486A; US10836150B2

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)

EP 2781278 A1 20140924; **EP 2781278 A4 20150715**; **EP 2781278 B1 20210707**; JP 2013107093 A 20130606; JP 5937337 B2 20160622; US 2014299566 A1 20141009; WO 2013073647 A1 20130523

DOCDB simple family (application)

EP 12850533 A 20121116; JP 2011252286 A 20111118; JP 2012079733 W 20121116; US 201214358882 A 20121116