

Title (en)
APPARATUS AND METHOD FOR ORIENTING A BEVERAGE CONTAINER END CLOSURE AND APPLYING INDICIA IN A PREDETERMINED LOCATION

Title (de)
VORRICHTUNG UND VERFAHREN ZUR AUSRICHTUNG EINES GETRÄNKEBEHÄLTER-ENDVERSCHLUSSES UND ZUM ANBRINGEN VON KENNZEICHEN AN EINER VORBESTIMMTEN STELLE

Title (fr)
APPAREIL ET PROCÉDÉ PERMETTANT D'ORIENTER UN COUVERCLE DE RÉCIPIENT DE BOISSON ET D'APPLIQUER DES INDICES À UN EMPLACEMENT PRÉDÉTERMINÉ

Publication
EP 3344564 A1 20180711 (EN)

Application
EP 16842455 A 20160516

Priority
• US 201514844789 A 20150903
• US 2016032736 W 20160516

Abstract (en)
[origin: WO2017039765A1] An apparatus and method of orienting and decorating container end closures is provided. More specifically, the present invention relates to apparatus and methods used to position container end closures in a predetermined orientation and then decorate a predetermined portion of the end closures.

IPC 8 full level
B21D 51/04 (2006.01); **B21D 51/44** (2006.01); **B41F 17/28** (2006.01); **B65G 47/24** (2006.01); **B65G 47/244** (2006.01); **B65G 47/248** (2006.01)

CPC (source: EP RU)
B21D 51/44 (2013.01 - RU); **B41F 17/001** (2013.01 - EP); **B41F 17/002** (2013.01 - EP); **B41F 17/16** (2013.01 - EP); **B41F 17/24** (2013.01 - EP); **B41F 17/26** (2013.01 - EP); **B41F 17/28** (2013.01 - EP); **B41F 23/04** (2013.01 - EP); **B41F 33/0036** (2013.01 - EP); **B41F 33/0081** (2013.01 - EP); **B41J 3/407** (2013.01 - EP); **B65D 17/00** (2013.01 - RU); **B65G 47/24** (2013.01 - RU); **B65G 47/244** (2013.01 - RU); **B21D 51/44** (2013.01 - EP); **B41P 2217/60** (2013.01 - EP); **B65G 47/244** (2013.01 - EP)

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)
WO 2017039765 A1 20170309; CA 2996493 A1 20170309; CA 2996493 C 20210112; CA 3098668 A1 20170309; CN 108349664 A 20180731; CN 108349664 B 20210427; EP 3344564 A1 20180711; EP 3344564 A4 20190522; MX 2018002578 A 20180627; RU 2018111544 A 20191004; RU 2018111544 A3 20191004; RU 2707302 C2 20191126

DOCDB simple family (application)
US 2016032736 W 20160516; CA 2996493 A 20160516; CA 3098668 A 20160516; CN 201680062455 A 20160516; EP 16842455 A 20160516; MX 2018002578 A 20160516; RU 2018111544 A 20160516