

Title (en)

PROCEDURE FOR FILLING ALCOHOLIC BEVERAGES, IN PARTICULAR WINE, INTO STAND-UP TYPE POUCHES MADE FROM POLYLAMINATE MATERIAL

Title (de)

VERFAHREN ZUM FÜLLEN ALKOHOLISCHER GETRÄNKE, INSBESONDERE WEIN, IN AUFRECHTSTEHENDE BEUTEL AUS POLYLAMINATMATERIAL

Title (fr)

PROCÉDÉ POUR VERSER DES BOISSONS ALCOOLISÉES, EN PARTICULIER DU VIN, DANS DES SACHETS DU TYPE À FOND PLAT RÉALISÉS DANS UN MATÉRIAU DE POLYLAMINÉ

Publication

EP 2882652 B1 20161012 (EN)

Application

EP 13777147 A 20130809

Priority

- IT VR20120169 A 20120810
- IB 2013056531 W 20130809

Abstract (en)

[origin: WO2014024172A1] A procedure for filling alcoholic beverages, in particular wine, into stand-up type containers made from poly laminate material comprises the following operational steps : a) preparing a stand-up type container; b) mechanically opening the upper part of the container (21) to form a filling space; c) injecting an inert gas in the filling space with the aim of reducing the presence of oxygen in the space; d) introducing a predetermined quantity of an alcoholic beverage, in particular wine, inside the space; e) closing without sealing the open edges of the container (21); f) sealing the upper part of the container (21) to form a hermetically closed container and containing an alcoholic beverage, in particular wine. The poly laminate material used comprises a cellulose layer having a basic weight of not less than 150 g/m2; the mechanical opening comprises the mechanical opening from the inside of the mouth of the container (21) and the deep injection into the container of a high pressure jet of air; step f) is performed inside a sealing station (38) in which a first sealing unit (55) performs a hermetic sealing operation fulling sealing a shaped strip inside the upper portion of the container (21).

IPC 8 full level

B65B 51/16 (2006.01); **B65B 3/02** (2006.01); **B65B 31/04** (2006.01); **B65B 51/14** (2006.01); **B65B 55/02** (2006.01); **B65B 55/10** (2006.01)

CPC (source: CN EP US)

B65B 3/02 (2013.01 - CN EP US); **B65B 25/001** (2013.01 - US); **B65B 31/042** (2013.01 - CN EP US); **B65B 31/048** (2013.01 - CN EP US); **B65B 43/10** (2013.01 - US); **B65B 43/30** (2013.01 - US); **B65B 51/146** (2013.01 - CN EP US); **B65B 51/16** (2013.01 - CN EP US); **B65B 55/025** (2013.01 - CN EP US); **B65B 55/10** (2013.01 - CN EP US)

Cited by

CN107380518A

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 2014024172 A1 20140213; CN 104684810 A 20150603; CN 104684810 B 20170804; EP 2882652 A1 20150617; EP 2882652 B1 20161012; ES 2610008 T3 20170425; IT VR20120169 A1 20140211; US 2015203222 A1 20150723

DOCDB simple family (application)

IB 2013056531 W 20130809; CN 201380050309 A 20130809; EP 13777147 A 20130809; ES 13777147 T 20130809; IT VR20120169 A 20120810; US 201314420552 A 20130809