

Title (en)

METHOD FOR PACKAGING A BEVERAGE POWDER IN A BEVERAGE CAPSULE

Title (de)

VERFAHREN ZUM VERPACKEN EINES GETRÄNKEPULVERS IN EINER GETRÄNKEKAPSEL

Title (fr)

PROCÉDÉ DE CONDITIONNEMENT D'UNE BOISSON EN POUDRE DANS UNE CAPSULE DE BOISSON

Publication

EP 2870070 B1 20160914 (EN)

Application

EP 13730897 A 20130625

Priority

- EP 12174911 A 20120704
- EP 2013063175 W 20130625
- EP 13730897 A 20130625

Abstract (en)

[origin: WO2014005873A1] A method for packaging in a capsule a beverage powder tending to evolve a gas, said capsule comprising a capsule body (103) defining a cavity (106) containing a quantity of beverage powder, said cavity being hermetically sealed up comprises the following steps: - providing a quantity of said beverage powder evolving a gas within said cavity (106) of said capsule body (103); - applying a vacuum into said cavity (106) of the capsule body (103), so that the internal pressure in the cavity (106) is below atmospheric pressure; - sealing the capsule to hermetically close said cavity (106), while maintaining the internal pressure in the cavity (106), below atmospheric pressure; and - keeping said gas emanating into the cavity (106) of the capsule so that the internal pressure in the sealed-up capsule is above atmospheric pressure. Use for packaging in a capsule a ground coffee.

IPC 8 full level

B65B 29/02 (2006.01); **A23P 10/30** (2016.01); **B65B 7/16** (2006.01); **B65B 31/02** (2006.01); **B65D 77/00** (2006.01); **B65D 85/804** (2006.01)

CPC (source: CN EP KR US)

B65B 7/164 (2013.01 - CN EP KR US); **B65B 29/02** (2013.01 - CN); **B65B 29/022** (2017.07 - EP KR US); **B65B 31/028** (2013.01 - CN EP KR US); **B65B 31/042** (2013.01 - US); **B65D 77/003** (2013.01 - CN EP KR US); **B65D 85/8043** (2013.01 - CN EP KR 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 2014005873 A1 20140109; AR 094718 A1 20150826; AU 2013286098 A1 20141218; AU 2013286098 B2 20170302; BR 112014032864 A2 20170627; CA 2876771 A1 20140109; CN 104470809 A 20150325; CN 104470809 B 20170613; EP 2870070 A1 20150513; EP 2870070 B1 20160914; ES 2598160 T3 20170125; IL 235873 A0 20150129; IL 235873 A 20170928; IN 10167DEN2014 A 20150821; JP 2015528695 A 20151001; KR 20150028828 A 20150316; MX 2014016078 A 20150410; PT 2870070 T 20161220; RU 2015103513 A 20160820; US 2015158609 A1 20150611

DOCDB simple family (application)

EP 2013063175 W 20130625; AR P130102390 A 20130704; AU 2013286098 A 20130625; BR 112014032864 A 20130625; CA 2876771 A 20130625; CN 201380035036 A 20130625; EP 13730897 A 20130625; ES 13730897 T 20130625; IL 23587314 A 20141124; IN 10167DEN2014 A 20141128; JP 2015519029 A 20130625; KR 20157002385 A 20130625; MX 2014016078 A 20130625; PT 13730897 T 20130625; RU 2015103513 A 20130625; US 201314412034 A 20130625