

Title (en)

PACKAGING COMPRISING A BREATHABLE VALVE FOR PERISHABLE PRODUCTS

Title (de)

VERPACKUNG MIT EINEM ENTLÜFTUNGSVENTIL FÜR VERDERBLICHE PRODUKTE

Title (fr)

EMBALLAGE À CLAPET D'AÉRATION POUR DENRÉES

Publication

EP 2769932 A4 20150701 (EN)

Application

EP 12841504 A 20121019

Priority

- CO 11140033 A 20111019
- IB 2012055765 W 20121019

Abstract (en)

[origin: EP2769932A2] The invention relates to packaging comprising a breathable valve, intended to extend the green life of perishable products. The packaging comprises a flexible container (1) and a breathable valve assembly (2) that can be used to control the concentration of oxygen, carbon dioxide, water vapor and ethylene in the atmosphere inside the container, such as to maintain a desired value depending on the weight and the respiration rate of the product. The breathable valve assembly (2) comprises a ring (3) and a breathable lid (4) assembled in order to close the flexible container (1). The packaging is advantageous over the prior art in that it can be assembled without using any heat-sealing technique and in that it can extend the green life of perishable products, such as fruits and vegetables.

IPC 8 full level

B65D 85/34 (2006.01); **B65D 51/16** (2006.01); **B65D 81/26** (2006.01)

CPC (source: EP US)

B65D 1/40 (2013.01 - US); **B65D 51/1611** (2013.01 - EP US); **B65D 81/263** (2013.01 - EP US); **B65D 85/345** (2013.01 - EP US)

Citation (search report)

- [XAI] US 3589362 A 19710629 - ZAMARRA PAUL A
- See references of WO 2013057725A2

Cited by

US10648709B2

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 2769932 A2 20140827; **EP 2769932 A4 20150701**; CN 104066658 A 20140924; CO 6660073 A1 20130430; CR 20140174 A 20140909; DO P2014000080 A 20140831; EC SP14001706 A 20151130; HK 1201503 A1 20150904; HK 1202507 A1 20151002; JP 2014534128 A 20141218; MX 2014004816 A 20140827; US 2014251858 A1 20140911; WO 2013057725 A2 20130425; WO 2013057725 A3 20130613

DOCDB simple family (application)

EP 12841504 A 20121019; CN 201280062726 A 20121019; CO 11140033 A 20111019; CR 20140174 A 20140421; DO 2014000080 A 20140421; EC PI201401706 A 20140522; HK 15102015 A 20150227; HK 15103012 A 20150324; IB 2012055765 W 20121019; JP 2014536401 A 20121019; MX 2014004816 A 20121019; US 201214352728 A 20121019