

Title (en)
SEALING SYSTEM FOR PACKAGE

Title (de)
VERSIEGELUNGSSYSTEM FÜR VERPACKUNG

Title (fr)
SYSTÈME D'ÉTANCHÉITÉ POUR EMBALLAGE

Publication
EP 2164774 A2 20100324 (EN)

Application
EP 07815734 A 20071026

Priority
• BR 2007000293 W 20071026
• BR PI0600990 A 20060321

Abstract (en)
[origin: WO2009006713A2] "SEALING SYSTEM FOR PACKAGE", created to avoid undesirable leakage and to enable to obtain a different and innovatively designed package, not affecting sealing performance, characterized by being constituted by a roll-on type package made of plastic material (1), being provided with a higher section (2) with semi-spherical shape (3) to internally couple the sphere (4), and a lower section (5) composing the body to hold the packed product, which form is at the manufacturer's discretion, and, in the internal part, between said two sections (2 and 5), one or more circular-shaped membranes (6) located in parallel one over the other, when required, are formed and exactly positioned jointly to the sphere (4), during the flask manufacturing process itself (be it by blowing, injection blow, blow + injection, blow + compression or injection), and both the flask and the circular membrane(s) (6) may be made of one single material or different materials, aiming to better compensate deformations of the sphere (4) which is usually made of rigid material, better lodging and involving it next to the circular membrane(s) (6), preferably with more flexible material, thus guaranteeing better system sealing and obtaining a safer package.

IPC 8 full level
B05C 17/00 (2006.01); **A45D 34/04** (2006.01); **B05C 17/02** (2006.01)

CPC (source: EP US)
A45D 34/041 (2013.01 - EP US); **B65D 47/42** (2013.01 - EP US)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
WO 2009006713 A2 20090115; WO 2009006713 A3 20090402; BR PI0600990 A 20071127; BR PI0600990 A8 20161101;
BR PI0600990 C1 20080311; EP 2164774 A2 20100324; EP 2164774 A4 20110413; MX 2010000112 A 20100730; US 2010180543 A1 20100722

DOCDB simple family (application)
BR 2007000293 W 20071026; BR PI0600990 A 20060321; EP 07815734 A 20071026; MX 2010000112 A 20071026; US 66775707 A 20071026