

Title (en)  
Multicomponent package

Title (de)  
Mehrteilige Verpackung

Title (fr)  
Emballage en plusieurs parts

Publication  
**EP 1777169 A2 20070425 (EN)**

Application  
**EP 06021955 A 20061019**

Priority  
US 25662505 A 20051021

Abstract (en)

The invention is directed to a multicomponent package having an upper and lower component that are releasably attached to each other and wherein one of either the upper or lower component has high oxygen barrier properties and the other component has low oxygen barrier properties. In one embodiment, one of the components has an oxygen transmission rate of at least 4,000 cc at STP/m<sup>2</sup>/24 hr/atm, and the other component has an oxygen transmission rate of less than 1,000 cc at STP/m<sup>2</sup>/24 hr/atm. The multicomponent package can be used to package food products that may be incompatible with each other or where it may be desirable to package each food product in differing packaging environment. As a result, two or more dissimilar food products may be stored, shipped, and/or sold in the same package.

IPC 8 full level

**B65D 51/28** (2006.01); **B65D 1/34** (2006.01); **B65D 21/02** (2006.01); **B65D 81/20** (2006.01); **B65D 81/32** (2006.01)

CPC (source: EP US)

**B65D 51/28** (2013.01 - EP US); **B65D 81/2076** (2013.01 - EP US); **B65D 81/3205** (2013.01 - EP US)

Citation (applicant)

- FR 2736037 A1 19970103 - GENEVIEVE LANGLAIS SA [FR]
- US 5348752 A 19940920 - GORLICH MICHAEL P [US]
- US 5439132 A 19950808 - GORLICH MICHAEL P [US]
- US 4847148 A 19890711 - SCHIRMER HENRY G [US]
- US 4935089 A 19900619 - SCHIRMER HENRY G [US]
- US 32617694 A 19941019
- EP 0707955 A1 19960424 - GRACE W R & CO [US]
- US 6627273 B2 20030930 - WOLF JOHN R [US], et al
- US 6769227 B2 20040803 - MUMPOWER EDWARD L [US], et al

Cited by

AT525201A1; AT525201B1; WO2008127982A1; US8074830B2

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 NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

**EP 1777169 A2 20070425; EP 1777169 A3 20080507**; AU 2006228044 A1 20070510; AU 2006228044 B2 20090528; CA 2562583 A1 20070421; US 2007092610 A1 20070426

DOCDB simple family (application)

**EP 06021955 A 20061019**; AU 2006228044 A 20061003; CA 2562583 A 20061005; US 25662505 A 20051021