

Title (en)

SYSTEM AND METHOD FOR ORAL TREATMENTS

Title (de)

SYSTEM UND VERFAHREN FÜR ORALE BEHANDLUNGEN

Title (fr)

SYSTEME ET PROCEDE DE TRAITEMENTS BUCCAUX

Publication

**EP 1617774 A1 20060125 (EN)**

Application

**EP 03714192 A 20030318**

Priority

US 0308085 W 20030318

Abstract (en)

[origin: CN101076294B] To provide a multi-layer resin film having outstanding oxygen gas barrier properties and moistureproofness. This multi-layer resin film is composed of a biaxially oriented polypropylene resin layer containing 10-40 wt% of a high crystallization resin and 6-15 wt% of a petroleum resin, and a polyvinyl alcohol resin layer laminated on at least one side of the former through an adhesive layer. In addition, the multi-layer resin film is characterized in that the oxygen transmittance at a relative humidity of 85% RH(request response header) and at a temperature of 23[deg.]C is 600 ml/m<sup>2</sup>/day x MP(methyl propionate)a or less and the water vapor transmittance at a relative temperature of 90[deg.]C and a temperature of 40[deg.]C is 3.5 g/m<sup>2</sup>/day x 20 [mu]m or less. Thus the obtained multi-layer resin film which does not contain chlorine and has outstanding oxygen gas barrier properties and moistureproofness, is best-suited for use as a film for packaging, in particular, packaging foods.

IPC 1-7

**A61B 18/18**

IPC 8 full level

**A61B 18/18** (2006.01); **A61B 18/22** (2006.01)

CPC (source: EP US)

**A61B 17/24** (2013.01 - US); **A61B 18/22** (2013.01 - EP US); **A61C 1/0046** (2013.01 - EP US); **A61B 2018/00011** (2013.01 - EP);  
**A61B 2018/00017** (2013.01 - US); **A61B 2018/00029** (2013.01 - US); **A61B 2018/00321** (2013.01 - EP); **A61B 2018/206** (2013.01 - US)

Designated contracting state (EPC)

DE ES GB IT

DOCDB simple family (publication)

CN 101076294 A 20071121; CN 101076294 B 20110817; EP 1617774 A1 20060125; EP 1617774 A4 20100428

DOCDB simple family (application)

CN 03826357 A 20030318; EP 03714192 A 20030318