

Title (en)

A MATERIAL WITH A HIGH DEGREE OF IMPERMEABILITY TO GASES AND A METHOD FOR THE PRODUCTION THEREOF

Title (de)

MATERIAL MIT EINEM HOHEN GASDICHTHEITGRAD UND VERFAHREN ZU DESSEN HERSTELLUNG

Title (fr)

MATIERE PRESENTANT UN DEGRE ELEVE D'IMPERMEABILITE AUX GAZ ET PROCEDE DE PRODUCTION DE CELLE-CI

Publication

EP 1289737 A1 20030312 (EN)

Application

EP 01945256 A 20010605

Priority

- EP 01945256 A 20010605
- EP 0106387 W 20010605
- EP 00830408 A 20000607

Abstract (en)

[origin: WO0194102A1] From a general point of view, the present invention relates to a material which has a high degree of impermeability to gases, especially to atmospheric oxygen, and which is particularly suitable for the manufacture of containers for easily oxidizable foods or beverages such as, for example, beer, milk, "soft drinks", and fruit juices. In particular, the present invention relates to a method for the preparation of polymeric material with a high degree of impermeability to gases, the method comprising the step of subjecting the polymeric material to a high-pressure treatment.

IPC 1-7

B29C 71/00

IPC 8 full level

B29C 71/00 (2006.01); **B29C 43/10** (2006.01)

CPC (source: EP US)

B29C 71/00 (2013.01 - EP US); **B29C 43/10** (2013.01 - EP US); **B29K 2067/00** (2013.01 - EP US); **B29K 2995/0067** (2013.01 - EP US); **Y10T 428/31909** (2015.04 - EP US); **Y10T 428/31938** (2015.04 - EP US)

Citation (search report)

See references of WO 0194102A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

WO 0194102 A1 20011213; AR 030290 A1 20030820; AU 6752501 A 20011217; EP 1289737 A1 20030312; US 2004091728 A1 20040513

DOCDB simple family (application)

EP 0106387 W 20010605; AR P010102673 A 20010605; AU 6752501 A 20010605; EP 01945256 A 20010605; US 29772603 A 20030509