

Title (en)

METHOD FOR IMPROVING THE BARRIER CHARACTERISTICS OF CERAMIC BARRIER LAYERS

Title (de)

VERFAHREN ZUR VERBESSERUNG DER BARRIEREEIGENSCHAFTEN KERAMISCHER SPERRSCHICHTEN

Title (fr)

PROCEDE POUR AMELIORER LES PROPRIETES BARRIERE DE COUCHES BARRIERE CERAMIQUES

Publication

**EP 1888812 A1 20080220 (DE)**

Application

**EP 06723683 A 20060324**

Priority

- EP 2006002700 W 20060324
- CH 6472005 A 20050411

Abstract (en)

[origin: WO2006108503A1] The invention relates to a method for improving the permeability barrier against water vapour and gases for a flexible support material comprising at least one barrier layer consisting of a ceramic material. According to said method, the ceramic barrier layers are coated with a solution of perhydropolysilazane (PHPS) and are then cured to form a silicon oxide layer.

IPC 8 full level

**C23C 18/12** (2006.01); **C08J 7/06** (2006.01); **C23C 18/14** (2006.01)

CPC (source: EP US)

**C23C 18/1208** (2013.01 - EP US); **C23C 18/122** (2013.01 - EP US); **C23C 18/1245** (2013.01 - EP US); **C23C 18/143** (2019.04 - EP US); **B05D 3/0254** (2013.01 - EP US); **B05D 3/067** (2013.01 - EP US); **B05D 7/04** (2013.01 - EP US); **B05D 7/52** (2013.01 - EP US)

Citation (search report)

See references of WO 2006108503A1

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

DOCDB simple family (publication)

**WO 2006108503 A1 20061019**; AU 2006233551 A1 20061019; CA 2603736 A1 20061019; EP 1888812 A1 20080220; JP 2008536711 A 20080911; MX 2007011281 A 20071112; US 2009029056 A1 20090129

DOCDB simple family (application)

**EP 2006002700 W 20060324**; AU 2006233551 A 20060324; CA 2603736 A 20060324; EP 06723683 A 20060324; JP 2008504645 A 20060324; MX 2007011281 A 20060324; US 91803806 A 20060324