

Title (en)

METHOD FOR TREATING A POLYMER MATERIAL, DEVICE FOR IMPLEMENTING SAID METHOD AND USE OF SAID DEVICE FOR TREATING HOLLOW BODIES

Title (de)

VERFAHREN ZUR BEHANDLUNG EINES POLYMERMATERIALS, VORRICHTUNG ZUR DURCHFÜHRUNG DES VERFAHRENS UND VERWENDUNG DER VORRICHTUNG ZUR BEHANDLUNG VON HOHLKÖRPERN

Title (fr)

PROCÉDÉ DE TRAITEMENT D'UN MATÉRIAU POLYMÈRE, DISPOSITIF POUR LA MISE EN OEUVRE DE CE PROCÉDÉ ET UTILISATION DE CE DISPOSITIF AU TRAITEMENT DE CORPS CREUX

Publication

**EP 1827716 B1 20140521 (FR)**

Application

**EP 05850613 A 20051223**

Priority

- FR 2005003277 W 20051223
- FR 0413862 A 20041223

Abstract (en)

[origin: FR2880027A1] Treatment of a polymer article (A) (to deposit a barrier coating on at least one of its faces), comprises the formation of discharge plasma in a precursor gas of 1,1,1,2-tetrafluoroethane or pentafluoroethane. An independent claim is also included for a device (for treating polymeric article (A)), comprises a metallic cylindrical chamber connected to a microwave emission device to emit 2450 MHz, where the establishment of a differential pressure between the internal volume and the external volume of the container occurs, so that the external pressure is higher than internal pressure and the plasma depositing is done on the internal wall of the container.

IPC 8 full level

**B05D 1/24** (2006.01); **B05D 7/22** (2006.01)

CPC (source: EP US)

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