

Title (en)

DEVICE AND METHOD FOR COATING SUBSTRATES WITH CATALYTICALLY ACTIVE MATERIALS

Title (de)

VORRICHTUNG UND VERFAHREN ZUM BESCHICHTEN VON TRÄGERN MIT KATALYTISCH AKTIVEN MATERIALIEN

Title (fr)

DISPOSITIF ET PROCEDE POUR ENDUIRE DES SUPPORTS POURVUS DE SUBSTANCES CATALYTIQUEMENT ACTIVES

Publication

EP 1885494 A2 20080213 (DE)

Application

EP 06753869 A 20060524

Priority

- EP 2006005000 W 20060524
- DE 102005024108 A 20050525

Abstract (en)

[origin: CA2605285A1] The invention relates to a device and a method for filling a molded article that comprises a plurality of at least partially communicating interior cavities with a liquid phase or for removing the excess of a liquid phase used to coat a molded article comprising interior cavities. The inventive method is characterized in that filling or removal of the excess from the interior cavities is carried out by way of an acceleration process and a subsequent braking process, deceleration being faster than the previous acceleration, with the proviso that the inertial forces caused by deceleration and acting upon the excess liquid phase are higher than the sum of the other opposite forces also acting upon the liquid phase.

IPC 8 full level

B01J 37/02 (2006.01)

CPC (source: EP US)

B01J 35/56 (2024.01 - EP US); **B01J 37/0215** (2013.01 - EP US); **F01N 3/2803** (2013.01 - EP US)

Citation (search report)

See references of WO 2006125648A2

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)

DE 102005024108 A1 20061130; CA 2605285 A1 20061130; EP 1885494 A2 20080213; US 2008182020 A1 20080731;
WO 2006125648 A2 20061130; WO 2006125648 A3 20070315

DOCDB simple family (application)

DE 102005024108 A 20050525; CA 2605285 A 20060524; EP 06753869 A 20060524; EP 2006005000 W 20060524; US 91536906 A 20060524