

Title (en)

FLAT EXTRUDATES HAVING SELF-CLEANING PROPERTIES, AND METHOD FOR PRODUCING EXTRUDATES OF THIS TYPE

Title (de)

FLÄCHENEXTRUDATE MIT SELBSTREINIGENDEN EIGENSCHAFTEN UND VERFAHREN ZUR HERSTELLUNG SOLCHER EXTRUDATE

Title (fr)

EXTRUDATS PLATS PRESENTANT DES PROPRIETES AUTONETTOYANTES ET PROCEDE DE FABRICATION DE TELS EXTRUDATS

Publication

EP 1490184 A1 20041229 (DE)

Application

EP 03743800 A 20030205

Priority

- DE 10210674 A 20020312
- EP 0301113 W 20030205

Abstract (en)

[origin: WO03076091A1] The invention relates to flat extrudates (X) having surfaces that have self-cleaning properties, and to a simple method for producing self-cleaning surfaces of this type. The inventive method is very simple by virtue of the fact that it can involve the use of existing tools. Flat extrudates are generally flattened by using rollers. The inventive method uses these rollers by applying microparticles (P) thereto. As the extrudates are flattened, these microparticles are transferred to the extrudates while being pressed into the surface thereof. The inventive method makes it possible to obtain self-cleaning surfaces comprising particles with a fissured structure without having to apply an additional embossed layer or foreign material supporting layer to the shaped bodies. Inventive extrudates can be provided, for example, in the shape of films or panels.

IPC 1-7

B08B 17/06; **B29C 70/64**

IPC 8 full level

B08B 17/06 (2006.01); **B29C 70/64** (2006.01)

CPC (source: EP US)

B08B 17/06 (2013.01 - EP US); **B08B 17/065** (2013.01 - EP US); **B29C 70/64** (2013.01 - EP US); **B29C 2059/023** (2013.01 - EP US); **B29C 2059/028** (2013.01 - EP US); **Y10T 428/24372** (2015.01 - EP US)

Citation (search report)

See references of WO 03076091A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT SE SI SK TR

DOCDB simple family (publication)

WO 03076091 A1 20030918; AU 2003252801 A1 20030922; AU 2003252801 B2 20080821; CA 2478835 A1 20030918; DE 10210674 A1 20031002; EP 1490184 A1 20041229; JP 2005526594 A 20050908; US 2005208269 A1 20050922

DOCDB simple family (application)

EP 0301113 W 20030205; AU 2003252801 A 20030205; CA 2478835 A 20030205; DE 10210674 A 20020312; EP 03743800 A 20030205; JP 2003574350 A 20030205; US 50699405 A 20050606