

Title (en)

WATER-DISPERSING COATED SHAPED BODIES

Title (de)

WASSERSPREITEND BESCHICHTETE FORMKÖRPER

Title (fr)

CORPS MOULES MUNIS D'UN REVETEMENT, A EFFET DISPERSIF DANS L'EAU

Publication

EP 1097005 A1 20010509 (DE)

Application

EP 99929248 A 19990617

Priority

- DE 19829082 A 19980630
- DE 19829081 A 19980630
- EP 9904181 W 19990617

Abstract (en)

[origin: US6572970B1] A process for the production of coated planar moldings of thermoplastics is disclosed. The process entails extrusion of a molded body, cooling of the molding, applying the aqueous-based coating agent and drying. The coating agent, having a pH value of less than 6, contains a salt of sulfondicarboxylic diester, a water-insoluble oxide of metal or semi-metal and an acid/water mixture. It is applied to at least one surface of the molding immediately after the production of the molding and with the aid of an application roll.

IPC 1-7

B05D 5/04; **B05D 7/02**

IPC 8 full level

B05D 1/28 (2006.01); **B05D 7/02** (2006.01); **C08J 7/06** (2006.01); **C09D 1/00** (2006.01); **C09K 3/18** (2006.01)

CPC (source: EP KR US)

B05D 1/28 (2013.01 - EP KR US); **B29C 48/05** (2019.01 - EP KR US); **B29C 48/07** (2019.01 - EP KR); **B29C 48/08** (2019.01 - EP KR); **B29C 48/154** (2019.01 - EP KR); **B29C 48/832** (2019.01 - EP KR US); **B29C 48/873** (2019.01 - EP KR US); **C08J 7/06** (2013.01 - EP KR US); **C09K 3/18** (2013.01 - EP KR US); **B05D 2201/02** (2013.01 - EP KR US); **B29K 2069/00** (2013.01 - EP KR); **Y10T 428/31504** (2015.04 - EP US); **Y10T 428/31507** (2015.04 - EP US)

Citation (search report)

See references of WO 0000297A1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB IT LI NL PT SE

DOCDB simple family (publication)

US 6572970 B1 20030603; AR 016731 A1 20010725; AU 4612099 A 20000117; AU 752070 B2 20020905; BR 9912503 A 20010502; CA 2335969 A1 20000106; CN 1308564 A 20010815; EP 1097005 A1 20010509; HK 1039084 A1 20020412; ID 26642 A 20010125; IL 139990 A0 20020210; JP 2002519178 A 20020702; KR 20010053308 A 20010625; TW 523531 B 20030311; WO 0000297 A1 20000106

DOCDB simple family (application)

US 71984400 A 20001218; AR P990103107 A 19990628; AU 4612099 A 19990617; BR 9912503 A 19990617; CA 2335969 A 19990617; CN 99808185 A 19990617; EP 9904181 W 19990617; EP 99929248 A 19990617; HK 02100734 A 20020130; ID 20002658 A 19990617; IL 13999099 A 19990617; JP 2000556880 A 19990617; KR 20007015038 A 20001229; TW 88109952 A 19990615