

Title (en)

COATING MATERIAL COMPRISING LINEAR, ISOTACTIC POLYMERS

Title (de)

BESCHICHTUNGSTOFF MIT LINEAREN, ISOTAKTISCHEN POLYMERE

Title (fr)

MATERIAU DE REVETEMENT COMPRENANT DES POLYMERES ISOTACTIQUES LINEAIRES

Publication

**EP 1237956 A1 20020911 (EN)**

Application

**EP 00968575 A 20001002**

Priority

- EP 00968575 A 20001002
- EP 99120173 A 19991008
- US 0027136 W 20001002

Abstract (en)

[origin: WO0127170A1] The present invention relates to articles comprising elements at least partially coated with polymeric material wherein the structure of the polymeric material contains elastic amorphous areas of nano-scale-size reinforced with self arranged crystalline domains of nano-crystals. An article, comprising an element and a polymeric coating material covering at least portion of the surface of said element characterized in that said coating material comprises a polyolefinic homopolymer having an isotacticity of less than 60 % of mmmm pentad concentration, is claimed.

IPC 1-7

**C08F 10/06**

IPC 8 full level

**C08F 10/06** (2006.01); **C09D 123/00** (2006.01); **C09D 123/10** (2006.01); **C09D 123/12** (2006.01); **C08F 110/06** (2006.01)

CPC (source: EP KR)

**C08F 10/06** (2013.01 - EP); **C09D 5/00** (2013.01 - KR); **C09D 123/10** (2013.01 - EP); **C09D 123/12** (2013.01 - EP KR); **C08F 110/06** (2013.01 - EP)

Citation (search report)

See references of WO 0127170A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**WO 0127170 A1 20010419**; AU 780540 B2 20050324; AU 7846800 A 20010423; BR 0014600 A 20020611; CA 2386901 A1 20010419; CN 1214051 C 20050810; CN 1378565 A 20021106; EP 1237956 A1 20020911; JP 2003511525 A 20030325; KR 100497592 B1 20050701; KR 20020040842 A 20020530; MX PA02003512 A 20020820

DOCDB simple family (application)

**US 0027136 W 20001002**; AU 7846800 A 20001002; BR 0014600 A 20001002; CA 2386901 A 20001002; CN 00814050 A 20001002; EP 00968575 A 20001002; JP 2001530387 A 20001002; KR 20027004510 A 20020408; MX PA02003512 A 20001002