

Title (en)

Coating on metallic surfaces and use on tubes and cables

Title (de)

Beschichtung von Metallocberflächen und Verwendung auf Rohren und Kabeln

Title (fr)

Revêtement de surfaces métalliques son application aux tubes et aux câbles

Publication

EP 0822012 B1 20031203 (FR)

Application

EP 97401839 A 19970723

Priority

FR 9609559 A 19960730

Abstract (en)

[origin: EP0822012A1] Coated metallic surface comprises, successively from metal, at least one layer of polyurethane; and at least one layer of thermoplastic polymer; with a binder between the two layers. Also claimed is method for coating surface and device comprising bundle of steel strands with the coating.

IPC 1-7

B05D 7/16; B05D 7/00; E01D 19/16; D07B 1/16

IPC 8 full level

B05D 7/00 (2006.01); B05D 7/14 (2006.01); B05D 7/16 (2006.01); B32B 15/095 (2006.01); B32B 27/40 (2006.01); D07B 1/16 (2006.01); E01D 19/16 (2006.01); H01B 3/30 (2006.01)

CPC (source: EP KR US)

B05D 7/16 (2013.01 - EP KR US); B05D 7/54 (2013.01 - EP KR US); D07B 1/162 (2013.01 - EP KR US); E01D 19/16 (2013.01 - EP KR US); D07B 2201/2087 (2013.01 - EP KR US); D07B 2201/2088 (2013.01 - EP US); D07B 2205/2003 (2013.01 - EP US); D07B 2205/2064 (2013.01 - EP US); Y10T 428/1393 (2015.01 - EP US); Y10T 428/2938 (2015.01 - EP US); Y10T 428/2975 (2015.01 - EP US); Y10T 428/3154 (2015.04 - EP US); Y10T 428/31562 (2015.04 - EP US); Y10T 428/31565 (2015.04 - EP US); Y10T 428/31573 (2015.04 - EP US); Y10T 428/31576 (2015.04 - EP US); Y10T 428/31587 (2015.04 - EP US); Y10T 428/31605 (2015.04 - EP US)

Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 0822012 A1 19980204; EP 0822012 B1 20031203; AT E255471 T1 20031215; AU 3237297 A 19980205; AU 719791 B2 20000518; BR 9704137 A 19981215; CA 2210844 A1 19980130; CA 2210844 C 20010417; DE 69726502 D1 20040115; DE 69726502 T2 20041230; DK 0822012 T3 20040413; ES 2212061 T3 20040716; JP 2934217 B2 19990816; JP H10114015 A 19980506; KR 100297042 B1 20021118; KR 980009520 A 19980430; NO 973469 D0 19970728; NO 973469 L 19980202; PT 822012 E 20040430; US 5993924 A 19991130; US 6291024 B1 20010918

DOCDB simple family (application)

EP 97401839 A 19970723; AT 97401839 T 19970723; AU 3237297 A 19970729; BR 9704137 A 19970730; CA 2210844 A 19970729; DE 69726502 T 19970723; DK 97401839 T 19970723; ES 97401839 T 19970723; JP 21922497 A 19970730; KR 19970036205 A 19970730; NO 973469 A 19970728; PT 97401839 T 19970723; US 38908799 A 19990902; US 90141297 A 19970728