

Title (en)
COATED METAL STRIPS

Title (de)
BESCHICHTUNG VON METALLBÄNDERN

Title (fr)
BANDE METALLIQUE LAMINEE

Publication
EP 1060032 A2 20001220 (EN)

Application
EP 99937821 A 19990302

Priority
• GB 9900567 W 19990302
• GB 9804297 A 19980302

Abstract (en)
[origin: GB2334906A] A process for producing laminated metal strip which comprises the steps of chemically treating the strip to form on at least one of its surfaces a non-metallic coating, and applying to that coated surface a coating of a thermoplastic resin to form a layer thereon. The first coating is preferably corrosion resistant and promotes adhesion with the thermoplastic resin. Preferably the non-metallic coating layer is a phosphate, chromate, oxalate, arsenate, a 2 component polymer, a combination of chromium, silicon and an organic active species, or silanes or azoles. Preferably the thermoplastic resin is polypropylene, polyethyleneterephthalate or a mixture thereof.

IPC 1-7
B05D 7/00

IPC 8 full level
B05D 3/10 (2006.01); **B05D 7/00** (2006.01); **B05D 7/14** (2006.01); **B65D 25/14** (2006.01)

CPC (source: EP KR)
B05D 3/102 (2013.01 - EP KR); **B05D 7/14** (2013.01 - EP KR); **B05D 7/51** (2013.01 - EP KR)

Citation (search report)
See references of WO 9944756A2

Cited by
EP2826569A1; DE102013107506A1

Designated contracting state (EPC)
AT DE ES FR GB LU

DOCDB simple family (publication)
GB 2334906 A 19990908; **GB 9804297 D0 19980422**; AT E218930 T1 20020615; AU 3259699 A 19990920; AU 741976 B2 20011213; BR 9908396 A 20001031; CA 2322533 A1 19990910; CN 1291918 A 20010418; DE 69901797 D1 20020718; DE 69901797 T2 20030306; EP 1060032 A2 20001220; EP 1060032 B1 20020612; ES 2178453 T3 20021216; ID 28089 A 20010503; KR 20010041481 A 20010525; PL 343020 A1 20010730; RU 2003124575 A 20050227; RU 2220789 C2 20040110; WO 9944756 A2 19990910; WO 9944756 A3 19991125

DOCDB simple family (application)
GB 9804297 A 19980302; AT 99937821 T 19990302; AU 3259699 A 19990302; BR 9908396 A 19990302; CA 2322533 A 19990302; CN 99803547 A 19990302; DE 69901797 T 19990302; EP 99937821 A 19990302; ES 99937821 T 19990302; GB 9900567 W 19990302; ID 20001982 A 19990302; KR 20007009643 A 20000901; PL 34302099 A 19990302; RU 2000124868 A 19990302; RU 2003124575 A 20030806