

Title (en)

PROCESS FOR COATING METAL BANDS

Title (de)

VERFAHREN ZUR BESCHICHTUNG VON METALLBÄNDERN

Title (fr)

PROCÉDÉ DE REVÊTEMENT DE BANDES DE MÉTAL

Publication

EP 2296830 A1 20110323 (DE)

Application

EP 09753604 A 20090430

Priority

- EP 2009003122 W 20090430
- DE 102008025514 A 20080528
- DE 102008059014 A 20081126

Abstract (en)

[origin: CA2719713A1] The invention describes a process for coating metal bands, which comprises the following process steps: (1) application of an aqueous primer coating composition (B) comprising at least one crosslinkable binder system (BM), at least one filler component (BF), at least one corrosion protection component (BK) and volatile constituents (BL) to the optionally cleaned metal surface, where the coating composition (B) has a content of organic solvents of not more than 15% by weight, based on the volatile constituents (BL) of the coating composition (B), (2) drying of the integrated pretreatment layer formed from the primer coating composition (B), (3) application of a topcoat layer (D) to the integrated pretreatment layer dried according to step (2) and (4) a joint curing of the layers of coating composition (B) and topcoat (D).

IPC 8 full level

B05D 7/00 (2006.01); **B05D 7/14** (2006.01)

CPC (source: EP US)

B05D 7/544 (2013.01 - EP US); **B05D 7/14** (2013.01 - EP US); **B05D 7/574** (2013.01 - EP US); **B05D 2252/02** (2013.01 - EP US);
B05D 2503/00 (2013.01 - EP US); **B05D 2508/00** (2013.01 - EP US); **B05D 2701/30** (2013.01 - EP US)

Citation (search report)

See references of WO 2009143949A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

DE 102008059014 A1 20091203; AR 072956 A1 20101006; BR PI0912288 A2 20151020; BR PI0912288 B1 20190806;
CA 2719713 A1 20091203; CA 2719713 C 20170613; CN 102015126 A 20110413; CN 102015126 B 20141105; EP 2296830 A1 20110323;
EP 2296830 B1 20150610; ES 2541143 T3 20150716; JP 2011522689 A 20110804; JP 5570502 B2 20140813; KR 101565940 B1 20151105;
KR 20110021953 A 20110304; MX 2010011570 A 20101109; PL 2296830 T3 20151130; RU 2010153377 A 20120710;
RU 2512378 C2 20140410; TW 201002438 A 20100116; TW I513519 B 20151221; US 2011111130 A1 20110512; WO 2009143949 A1 20091203

DOCDB simple family (application)

DE 102008059014 A 20081126; AR P090101884 A 20090527; BR PI0912288 A 20090430; CA 2719713 A 20090430;
CN 200980115670 A 20090430; EP 09753604 A 20090430; EP 2009003122 W 20090430; ES 09753604 T 20090430;
JP 2011510857 A 20090430; KR 20107029142 A 20090430; MX 2010011570 A 20090430; PL 09753604 T 20090430;
RU 2010153377 A 20090430; TW 98117317 A 20090525; US 99494109 A 20090430