

Title (en)

METHOD OF COATING METAL SUBSTRATES WITH A POWDER PRIMER AND A SURFACE COAT APPLIED BY DIPPING, POWDER-PRIMER COMPOSITION AND PRODUCT OBTAINED

Publication

EP 0367653 B1 19930519 (FR)

Application

EP 89402897 A 19891020

Priority

FR 8814332 A 19881103

Abstract (en)

[origin: EP0367653A1] The present invention relates to the field of coatings of metal substrates applied by dipping. It relates to a method of coating a metal substrate using a surface coat applied by dipping after coating of said substrate with a powder primer. It also relates to powder compositions which can be used as adhesion primer, as well as to composite materials: metal substrates/adhesion primer/surface coat.

IPC 1-7

B05D 1/24; **B05D 1/38**; **B05D 7/14**

IPC 8 full level

B05D 7/14 (2006.01); **B05D 1/24** (2006.01); **B05D 1/38** (2006.01); **B05D 3/10** (2006.01); **B05D 7/00** (2006.01); **B05D 7/24** (2006.01); **B32B 15/08** (2006.01); **B32B 27/34** (2006.01); **B32B 27/38** (2006.01); **C09D 5/00** (2006.01)

CPC (source: EP US)

B05D 1/24 (2013.01 - EP US); **B05D 7/546** (2013.01 - EP US); **B05D 7/587** (2013.01 - EP US); **B05D 2202/10** (2013.01 - EP US); **B05D 2451/00** (2013.01 - EP US)

Cited by

FR2795004A1; WO2011092444A1; US6506455B1; US7507440B2; WO9737776A1; WO0076677A1; WO2006091440A1

Designated contracting state (EPC)

AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

EP 0367653 A1 19900509; **EP 0367653 B1 19930519**; **EP 0367653 B2 20011121**; AT E89496 T1 19930615; AU 4397989 A 19900510; AU 628877 B2 19920924; CA 2002109 A1 19900503; CA 2002109 C 19990216; DE 68906643 D1 19930624; DE 68906643 T2 19931007; DE 68906643 T3 20020529; DK 174338 B1 20021216; DK 546089 A 19900504; DK 546089 D0 19891102; ES 2055133 T3 19940816; ES 2055133 T5 20020501; FI 100661 B 19980130; FI 895222 A0 19891102; FR 2638466 A1 19900504; FR 2638466 B1 19930507; IE 63336 B1 19950419; IE 893536 L 19900503; JP H02258084 A 19901018; JP H0755306 B2 19950614; NO 306956 B1 20000117; NO 894344 D0 19891101; NO 894344 L 19900504; PT 92182 A 19900531; PT 92182 B 20010531; US 5891515 A 19990406

DOCDB simple family (application)

EP 89402897 A 19891020; AT 89402897 T 19891020; AU 4397989 A 19891102; CA 2002109 A 19891102; DE 68906643 T 19891020; DK 546089 A 19891102; ES 89402897 T 19891020; FI 895222 A 19891102; FR 8814332 A 19881103; IE 353689 A 19891102; JP 28728089 A 19891102; NO 894344 A 19891101; PT 9218289 A 19891102; US 46255595 A 19950605