

Title (en)
ANODIC ELECTROPHORETIC COATING METHOD

Title (de)
VERFAHREN ZUR ANODISCHEN ELEKTROTAUHLACKIERUNG

Title (fr)
PROCEDE DE TREMPAGE ELECTROPHORETIQUE ANODIQUE

Publication
EP 1047812 B1 20020508 (DE)

Application
EP 99902531 A 19990111

Priority
• DE 19801605 A 19980117
• EP 9900118 W 19990111

Abstract (en)
[origin: US6350358B1] A method for anodic electro-dip lacquer coating, wherein coating medium which is consumed in an anodic electro-dip bath is compensated for by an under-neutralised anodic replenishment material, wherein the replenishment material comprisesA) a pigment-free aqueous binder vehicle component with a solids content of 40 to 70% by weight, an MEQ value of 15 to 40 and a content of organic solvent of <=0.5% by weight, andB) a pigment-containing aqueous paste resin component with a solids content of 60 to 75% by weight, an MEQ value of 5 to 15 and a content of organic solvent of <=1.0 % by weight,wherein A) and B) are present in a ratio by weight of 1:1 to 4:1 and the mixture of A) and B) has a solids content of 45 to 73% by weight, a solvent content of <=0.75% by weight and an MEQ value which is 50 to 70% lower than the MEQ value of the electro-dip bath.

IPC 1-7
C25D 13/24

IPC 8 full level
C25D 13/22 (2006.01); **C25D 13/10** (2006.01); **C25D 13/24** (2006.01)

IPC 8 main group level
C25D (2006.01)

CPC (source: EP KR US)
C25D 1/00 (2013.01 - EP US); **C25D 13/04** (2013.01 - KR); **C25D 13/10** (2013.01 - EP US); **C25D 13/22** (2013.01 - EP KR US); **C25D 13/24** (2013.01 - EP KR US)

Designated contracting state (EPC)
AT BE CH DE DK ES FI FR GB GR IE IT LI NL PT SE

DOCDB simple family (publication)
US 6350358 B1 20020226; AT E217367 T1 20020515; BR 9907006 A 20001017; BR 9907006 B1 20081118; CA 2318202 A1 19990722; CA 2318202 C 20081118; CN 1191393 C 20050302; CN 1293721 A 20010502; DE 19801605 C1 19990318; DE 59901390 D1 20020613; EP 1047812 A2 20001102; EP 1047812 B1 20020508; ES 2177225 T3 20021201; HK 1035006 A1 20011109; JP 2002509197 A 20020326; JP 3694459 B2 20050914; KR 100585502 B1 20060602; KR 20010034197 A 20010425; MX PA00006988 A 20030714; PT 1047812 E 20021031; WO 9936597 A2 19990722; WO 9936597 A3 19990930; ZA 99250 B 19990714

DOCDB simple family (application)
US 60047600 A 20000821; AT 99902531 T 19990111; BR 9907006 A 19990111; CA 2318202 A 19990111; CN 99804147 A 19990111; DE 19801605 A 19980117; DE 59901390 T 19990111; EP 9900118 W 19990111; EP 99902531 A 19990111; ES 99902531 T 19990111; HK 01105517 A 20010808; JP 2000540296 A 19990111; KR 20007007834 A 20000715; MX PA00006988 A 19990111; PT 99902531 T 19990111; ZA 99250 A 19990114