

Title (en)
COATING MATERIAL FOR PROTECTING METALS, ESPECIALLY STEEL, FROM CORROSION AND/OR SCALING, METHOD FOR COATING METALS AND METAL ELEMENT

Title (de)
BESCHICHTUNGSMATERIAL ZUM SCHUTZ VON METALLEN, INSBESONDERE STAHL, VOR KORROSION UND/ODER VERZUNDERUNG, VERFAHREN ZUM BESCHICHTEN VON METALLEN UND METALLELEMENT

Title (fr)
MATERIAU DE REVETEMENT DESTINE A LA PROTECTION DE METAUX, NOTAMMENT D'ACIER, CONTRE LA CORROSION ET/OU L'OXYDATION, PROCEDE DE REVETEMENT DE METAUX ET ELEMENT METALLIQUE

Publication
EP 1960483 A2 20080827 (DE)

Application
EP 06828628 A 20061207

Priority
• DE 2006002178 W 20061207
• DE 102005059614 A 20051212

Abstract (en)
[origin: DE102005059614A1] An anti-corrosion and/or -scaling coating for metals (especially steel) has the following characteristics : (1) it is provided with an agent for achieving (especially point) weldability of the coating; (2) it is applicable by a wet method; (3) it has its structure altered by heat processing at above 600[deg]C; and (4) it is suitable as an undercoat or primer for further coatings.

IPC 8 full level
C09D 5/08 (2006.01); **B05D 7/14** (2006.01); **C09D 5/10** (2006.01); **C09D 5/24** (2006.01); **C09D 183/04** (2006.01); **C21D 7/13** (2006.01); **C23C 18/12** (2006.01); **C23F 15/00** (2006.01)

CPC (source: EP KR US)
C09D 5/084 (2013.01 - EP US); **C09D 5/10** (2013.01 - EP KR US); **C09D 5/24** (2013.01 - EP US); **C23C 18/122** (2013.01 - EP US); **C23C 18/1254** (2013.01 - EP US); **C23C 18/127** (2013.01 - EP US); **C23C 26/00** (2013.01 - KR); **B05D 3/0254** (2013.01 - EP US); **B05D 2202/10** (2013.01 - EP US); **B05D 2701/40** (2013.01 - EP US); **Y10T 428/31678** (2015.04 - EP US)

Citation (search report)
See references of WO 2007076766A2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
DE 102005059614 A1 20070614; BR PI0619535 A2 20111004; CN 101360796 A 20090204; CN 101360796 B 20121107; EP 1960483 A2 20080827; JP 2009518471 A 20090507; JP 5419457 B2 20140219; KR 101169175 B1 20120730; KR 20080076991 A 20080820; KR 20110066970 A 20110617; RU 2008128466 A 20100120; RU 2425853 C2 20110810; US 2010098956 A1 20100422; WO 2007076766 A2 20070712; WO 2007076766 A3 20071101

DOCDB simple family (application)
DE 102005059614 A 20051212; BR PI0619535 A 20061207; CN 200680046684 A 20061207; DE 2006002178 W 20061207; EP 06828628 A 20061207; JP 2008543650 A 20061207; KR 20087016136 A 20080702; KR 20117010355 A 20061207; RU 2008128466 A 20061207; US 8637706 A 20061207