

Title (en)

METHOD OF STABILIZING METAL PIGMENTS AGAINST GASSING

Title (de)

VERFAHREN ZUR ERHÖHUNG DER GASUNGSSTABILITÄT VON METALLPIGMENTEN

Title (fr)

PROCEDE DE STABILISATION DE PIGMENTS METALLIQUES CONTRE LE GAZAGE

Publication

**EP 1877497 A1 20080116 (EN)**

Application

**EP 05745716 A 20050504**

Priority

- US 2005015753 W 20050504
- US 12022805 A 20050502

Abstract (en)

[origin: WO2006118577A1] The present invention is directed to a passivating material suitable for passivating a metal surface. The passivating material comprises a polymer which comprises (a) at least one nitro group, and/or pyridine group, and/or phenolic hydroxyl group; and (b) at least one group selected from a phosphorous-containing group and/or a carboxylic acid group, wherein the at least one phosphorous-containing group is selected from a phosphate, a phosphite, or a non-nitrogen substituted phosphonate.

IPC 8 full level

**C09C 1/00** (2006.01); **C09C 1/24** (2006.01); **C09C 3/08** (2006.01); **C09C 3/10** (2006.01); **C09D 5/36** (2006.01); **C09D 11/02** (2006.01)

CPC (source: EP KR)

**C09C 1/0081** (2013.01 - EP); **C09C 1/24** (2013.01 - KR); **C09C 1/62** (2013.01 - EP); **C09C 1/644** (2013.01 - EP); **C09C 3/10** (2013.01 - EP);  
**C09D 5/08** (2013.01 - KR); **C09D 5/36** (2013.01 - EP); **C09D 201/00** (2013.01 - KR)

Citation (search report)

See references of WO 2006118577A1

Cited by

EP3572473A4

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 MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**WO 2006118577 A1 20061109**; CA 2567038 A1 20061109; CN 101875794 A 20101103; CN 1977002 A 20070606; CN 1977002 B 20110615;  
EP 1877497 A1 20080116; JP 2007537353 A 20071220; KR 100822512 B1 20080416; KR 20070067009 A 20070627

DOCDB simple family (application)

**US 2005015753 W 20050504**; CA 2567038 A 20050504; CN 200580022080 A 20050504; CN 201010180266 A 20050504;  
EP 05745716 A 20050504; JP 2007515119 A 20050504; KR 20067023169 A 20061103