

Title (en)  
FUNCTIONALLY GRADED COATINGS AND CLADDINGS FOR CORROSION AND HIGH TEMPERATURE PROTECTION

Title (de)  
FUNKTIONELL GRADIERTE BESCHICHTUNGEN UND -PLATTIERUNGEN FÜR KORROSIONS- UND HOCHTEMPERATURSCHUTZ

Title (fr)  
REVÊTEMENTS ET GAINES À GRADIENT DE FONCTIONNALITÉ PERMETTANT DE PROTÉGER CONTRE LA CORROSION ET LES FORTES TEMPÉRATURES

Publication  
**EP 2440692 A2 20120418 (EN)**

Application  
**EP 10737391 A 20100611**

Priority  
• US 2010001677 W 20100611  
• US 18605709 P 20090611

Abstract (en)  
[origin: WO2010144145A2] The present disclosure describes functionally graded coatings and claddings for corrosion and high temperature protection.

IPC 8 full level  
**C25D 5/18** (2006.01); **C25D 5/20** (2006.01); **C25D 5/50** (2006.01); **C25D 15/02** (2006.01); **C25D 21/12** (2006.01); **C25D 21/14** (2006.01)

CPC (source: EP US)  
**C25D 5/18** (2013.01 - EP US); **C25D 5/50** (2013.01 - EP US); **C25D 13/00** (2013.01 - US); **C25D 15/02** (2013.01 - EP US); **C25D 21/12** (2013.01 - EP US); **C25D 21/14** (2013.01 - EP US); **Y10T 428/31529** (2015.04 - EP US); **Y10T 428/31605** (2015.04 - EP US); **Y10T 428/31663** (2015.04 - EP US); **Y10T 428/31678** (2015.04 - EP US); **Y10T 428/31692** (2015.04 - EP US)

Citation (search report)  
See references of WO 2010144145A2

Designated contracting state (EPC)  
AL 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 SM TR

DOCDB simple family (publication)  
**WO 2010144145 A2 20101216**; **WO 2010144145 A3 20130117**; **WO 2010144145 A9 20130307**; CA 2764968 A1 20101216; CA 2764968 C 20180306; CA 2991617 A1 20101216; CA 2991617 C 20190514; EP 2440692 A2 20120418; EP 2440692 B1 20170510; ES 2636742 T3 20171009; US 2012234681 A1 20120920; US 2015322588 A1 20151112

DOCDB simple family (application)  
**US 2010001677 W 20100611**; CA 2764968 A 20100611; CA 2991617 A 20100611; EP 10737391 A 20100611; ES 10737391 T 20100611; US 201113323431 A 20111212; US 201514712626 A 20150514