

Title (en)

METHOD FOR REMOVAL OF CERAMIC COATINGS BY SOLID CO₂ BLASTING

Title (de)

VERFAHREN ZUR ENTFERNUNG VON KERAMIKBESCHICHTUNGEN MIT EINEM STRAHLVERFAHREN MIT CO₂ IN FESTEM ZUSTAND

Title (fr)

PROCÉDÉ POUR L'ENLÈVEMENT DE REVÊTEMENTS CÉRAMIQUES PAR DÉCAPAGE AU CO₂ À L'ÉTAT SOLIDE

Publication

EP 2576138 A1 20130410 (EN)

Application

EP 11723670 A 20110427

Priority

- IT PR20100031 A 20100429
- IB 2011051839 W 20110427

Abstract (en)

[origin: WO2011135526A1] A method for removing ceramic coatings using a special equipment without modifying the characteristics of the substrate such as roughness and thickness and able to prepare the substrate to be recoated with a new ceramic layer, is provided. The removing of the ceramic coating without damaging the substrate characteristics is obtained by a combination of coating/substrate preheating by irradiation during or immediately before the stripping and improved solid CO₂ blasting equipment and parameters.

IPC 8 full level

B24C 1/00 (2006.01); **B24C 1/08** (2006.01)

CPC (source: EP US)

B24C 1/003 (2013.01 - EP US); **B24C 1/08** (2013.01 - EP US)

Citation (search report)

See references of WO 2011135526A1

Citation (third parties)

Third party :

- DE 102008004559 A1 20080724 - ALSTOM TECHNOLOGY LTD [CH]
- EP 1450987 B1 20050608 - SIEMENS AG [DE]

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 RS SE SI SK SM TR

DOCDB simple family (publication)

WO 2011135526 A1 20111103; CA 2797184 A1 20111103; CN 103108725 A 20130515; CN 103108725 B 20150708; EP 2576138 A1 20130410; EP 2576138 B1 20150211; EP 2576138 B2 20230405; IT 1399945 B1 20130509; IT PR20100031 A1 20111030; US 2013040538 A1 20130214

DOCDB simple family (application)

IB 2011051839 W 20110427; CA 2797184 A 20110427; CN 201180021417 A 20110427; EP 11723670 A 20110427; IT PR20100031 A 20100429; US 201113643478 A 20110427