

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 B2 20230405 (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 (opposition)

Opponent :

DE 102008004559 A1 20080724 - ALSTOM TECHNOLOGY LTD [CH]

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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

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