

Title (en)

METHOD FOR PRODUCING COATED METAL SURFACES AND THE USE OF SAID METAL SURFACES

Title (de)

VERFAHREN ZUR HERSTELLUNG VON BESCHICHTETEN METALLOBERFLÄCHEN UND DEREN VERWENDUNG

Title (fr)

PROCEDE DE FABRICATION DE SURFACES METALLIQUES A REVETEMENT ET UTILISATION DESDITES SURFACES

Publication

EP 1242193 B1 20030827 (DE)

Application

EP 00983330 A 20001214

Priority

- DE 19961411 A 19991217
- EP 0012745 W 20001214

Abstract (en)

[origin: WO0143888A2] The invention relates to a method for producing coated metal surfaces at a coating speed of at least 25 m per minute during the application of a pre-treating agent to a cleaned and/or pickled metal surface. The inventive method is characterized by applying at least one pre-treating agent to at least one surface of a metal body after cleaning and/or pickling the metal surface to be treated. At least one lacquer layer is applied to a part of the pre-treated surface, the coating produced only by the pre-treating agent and not by the lacquer being used as the treatment layer instead of a priming or pre-treatment layer. The invention further relates to a method for producing coated metal surfaces at a coating speed of at least 25 m per minute during the application of a pre-treating agent to a cleaned and/or pickled metal surface. The inventive method is characterized by applying at least one pre-treating agent to at least one surface of a metal body after cleaning and/or pickling the metal surface to be treated. At least one lacquer layer is applied to at least a part of the pre-treated surface, the coating produced only by the pre-treating agent being used as the treatment layer instead of a priming or pre-treatment layer.

[origin: WO0143888A2] The invention relates to a method for producing coated metal surfaces at a coating speed of at least 25 m per minute during the application of a pre-treating agent to a cleaned and/or pickled metal surface. The inventive method is characterized by applying at least one pre-treating agent to at least one surface of a metal body after cleaning and/or pickling the metal surface to be treated. At least one lacquer layer is applied to a part of the pre-treated surface, the coating produced only by the pre-treating agent and not by the lacquer being used as the treatment layer instead of a priming or pre-treatment layer. The invention further relates to a method for producing coated metal surfaces at a coating speed of at least 25 m per minute during the application of a pre-treating agent to a cleaned and/or pickled metal surface. The inventive method is characterized by applying at least one pre-treating agent to at least one surface of a metal body after cleaning and/or pickling the metal surface to be treated. At least one lacquer layer is applied to at least a part of the pre-treated surface, the coating produced only by the pre-treating agent being used as the treatment layer instead of a priming or pre-treatment layer.

IPC 1-7

B05D 3/10; **B05D 7/00**; **B05D 7/14**

IPC 8 full level

B05D 3/10 (2006.01); **B05D 7/00** (2006.01); **B05D 7/14** (2006.01); **C23C 22/00** (2006.01); **C23C 22/05** (2006.01)

CPC (source: EP US)

B05D 3/102 (2013.01 - EP US); **B05D 7/14** (2013.01 - EP US); **B05D 7/544** (2013.01 - EP US); **C23C 22/00** (2013.01 - EP US); **C23C 22/05** (2013.01 - EP US)

Cited by

US11518960B2; US10400337B2; US10125424B2; US10920324B2; EP4273470A1; FR3135316A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

WO 0143888 A2 20010621; **WO 0143888 A3 20011206**; AT E248032 T1 20030915; AU 2010401 A 20010625; AU 774014 B2 20040610; AU 774014 C 20050428; CA 2394235 A1 20010621; CN 1409657 A 20030409; DE 19961411 A1 20010621; DE 50003490 D1 20031002; EP 1242193 A2 20020925; EP 1242193 B1 20030827; ES 2203539 T3 20040416; US 2003051772 A1 20030320; ZA 200205289 B 20030728

DOCDB simple family (application)

EP 0012745 W 20001214; AT 00983330 T 20001214; AU 2010401 A 20001214; CA 2394235 A 20001214; CN 00817111 A 20001214; DE 19961411 A 19991217; DE 50003490 T 20001214; EP 00983330 A 20001214; ES 00983330 T 20001214; US 14881402 A 20020821; ZA 200205289 A 20020702