

Title (en)

IMPREGNATION OF AN HVOF COATING BY A LUBRICANT

Title (de)

IMPRÄGNIERUNG EINER HVOF-BESCHICHTUNG MIT EINEM SCHMIERMITTEL

Title (fr)

IMPREGNATION D'UN REVÊTEMENT HVOF PAR UN LUBRIFIANT

Publication

EP 3022326 A1 20160525 (FR)

Application

EP 14744494 A 20140716

Priority

- FR 1357040 A 20130717
- EP 2014065247 W 20140716

Abstract (en)

[origin: WO2015007777A1] The invention relates to a method for protecting a metal substrate coated using the HVOF method with a coating of the WC-Co-Cr type, comprising the application on the coating of a lubricant agent that comprises particles of solid lubricant incorporated into a fluid having a low enough surface tension to penetrate into the pores of the coating and drive the solid lubricant particles therein.

IPC 8 full level

C23C 4/18 (2006.01); **C23C 4/06** (2016.01); **C23C 4/129** (2016.01)

CPC (source: EP US)

C23C 4/06 (2013.01 - EP US); **C23C 4/12** (2013.01 - US); **C23C 4/129** (2016.01 - EP US); **C23C 4/18** (2013.01 - EP US)

Citation (search report)

See references of WO 2015007777A1

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2015007777 A1 20150122; EP 3022326 A1 20160525; EP 3022326 B1 20170830; FR 3008715 A1 20150123; FR 3008715 B1 20150814; US 2016369385 A1 20161222

DOCDB simple family (application)

EP 2014065247 W 20140716; EP 14744494 A 20140716; FR 1357040 A 20130717; US 201414902416 A 20140716