Title (en)

METHOD FOR TREATING THE SURFACE OF A PART AND ASSOCIATED FACILITY

Title (de)

VERFAHREN ZUR OBERFLÄCHENBEHANDLUNG EINES TEILS UND ZUGEHÖRIGE ANLAGE

Title (fr)

PROCÉDÉ DE TRAITEMENT DE SURFACE D'UNE PIÈCE ET INSTALLATION ASSOCIÉE

Publication

EP 3793835 A1 20210324 (FR)

Application

EP 19709074 A 20190313

Priority

- FR 1854024 A 20180514
- EP 2019056313 W 20190313

Abstract (en)

[origin: WO2019219273A1] The present invention relates to a method for treating the surface of a part (2), comprising: - a measurement step, during which movement means (3), to which the part is secured (2), are moved and a set of instantaneous velocities, on the surface (1) of the part (2), is determined by a measurement sensor (9); - a step of processing the signal, during which a microcontroller (8) determines, from data representing the set of instantaneous velocities, a pulse train signal (S) representing a set of ejection frequencies of a substance (13) to be deposited; and - a deposition step, during which the microcontroller (8) transmits the pulse train signal (S) to the deposition means (6) in order to eject the substance (13) as a function of the pulse train signal (S).

IPC 8 full level

B41J 3/407 (2006.01); **B41J 11/00** (2006.01)

CPC (source: EP US)

B41J 3/4073 (2013.01 - EP US); **B41J 3/40731** (2020.08 - EP); **B41J 11/00214** (2021.01 - EP US)

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)

FR 3080998 A1 20191115; **FR 3080998 B1 20200424**; BR 112020022910 A2 20210223; CN 112218764 A 20210112; CN 112218764 B 20220429; EP 3793835 A1 20210324; EP 3793835 B1 20220713; EP 3793835 B8 20221130; JP 2021523007 A 20210902; JP 7482856 B2 20240514; US 11840102 B2 20231212; US 2021402799 A1 20211230; WO 2019219273 A1 20191121

DOCDB simple family (application)

FR 1854024 A 20180514; BR 112020022910 A 20190313; CN 201980032187 A 20190313; EP 19709074 A 20190313; EP 2019056313 W 20190313; JP 2021514472 A 20190313; US 201917054111 A 20190313