

Title (en)

DEVICE, METHOD AND COMPUTER PROGRAM FOR COATING AT LEAST ONE FIBRE

Title (de)

VORRICHTUNG, VERFAHREN UND COMPUTERPROGRAMM ZUR BESCHICHTUNG ZUMINDEST EINER FASER

Title (fr)

DISPOSITIF, PROCÉDÉ ET PROGRAMME INFORMATIQUE DE REVÊTEMENT D'AU MOINS UNE FIBRE

Publication

EP 3784414 A1 20210303 (DE)

Application

EP 19719884 A 20190425

Priority

- DE 102018206644 A 20180427
- EP 2019060679 W 20190425

Abstract (en)

[origin: WO2019207074A1] A device for coating at least one fibre, comprising for example, at least two plasma spray systems for introducing powder particles activated by a plasma into a coating zone. In addition, the device can have a powder delivery system for providing the at least two plasma spray systems with powder particles, and a fibre conveying system which can be designed to guide the at least one fibre to be coated through the coating zone, in order to obtain the coating of the at least one fibre by the activated powder particles in the coating zone. The at least two plasma spray systems can be offset to one another at an angle and/or in the longitudinal direction of the at least one fibre and can be directed onto the coating zone.

IPC 8 full level

B05D 7/20 (2006.01); **B05B 7/22** (2006.01); **B05D 1/00** (2006.01); **B05D 1/10** (2006.01); **B23K 10/02** (2006.01); **C22C 47/04** (2006.01); **C23C 4/134** (2016.01); **H05H 1/42** (2006.01)

CPC (source: EP)

B05D 1/10 (2013.01); **B05D 1/62** (2013.01); **B05D 7/20** (2013.01); **C22C 47/04** (2013.01); **C22C 47/16** (2013.01); **C23C 4/134** (2016.01); **H05H 1/42** (2013.01); **H05H 1/44** (2013.01); **B05B 7/226** (2013.01); **B05D 2256/00** (2013.01); **C22C 49/06** (2013.01); **C22C 49/14** (2013.01)

Citation (search report)

See references of WO 2019207074A1

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 2019207074 A1 20191031; DE 102018206644 A1 20191031; EP 3784414 A1 20210303

DOCDB simple family (application)

EP 2019060679 W 20190425; DE 102018206644 A 20180427; EP 19719884 A 20190425