

Title (en)
METHOD FOR PRODUCING A LAYER, MANUFACTURING SYSTEM AND COMPONENT

Title (de)
VERFAHREN ZUR ERZEUGUNG EINER SCHICHT, FERTIGUNGSSYSTEM UND BAUTEIL

Title (fr)
PROCÉDÉ DE RÉALISATION D'UNE COUCHE, SYSTÈME DE FABRICATION ET PIÈCE

Publication
EP 4192644 A1 20230614 (DE)

Application
EP 21749090 A 20210722

Priority
• DE 102020120861 A 20200807
• DE 2021100634 W 20210722

Abstract (en)
[origin: CA3188468A1] The invention relates to a method for producing a layer, in particular for coating and/or producing a component. The invention also relates to a manufacturing system and a component. The invention in particular relates to a method for producing a layer, in particular for coating and/or producing a component, comprising the steps of: arranging a preformed fusion body (100) on a main body (200), and fusing the preformed fusion body (100) in order to form an integral bond between the main body (200) and the preformed fusion body (100).

IPC 8 full level
B23K 26/08 (2014.01); **B21F 17/00** (2006.01); **B23K 26/302** (2014.01); **B23K 26/323** (2014.01); **B23K 26/342** (2014.01); **B29C 64/141** (2017.01); **B33Y 10/00** (2015.01); **B65H 54/00** (2006.01); **B23K 101/06** (2006.01); **B23K 103/04** (2006.01)

CPC (source: EP)
B23K 26/0823 (2013.01); **B23K 26/0869** (2013.01); **B23K 26/302** (2015.10); **B23K 26/323** (2015.10); **B23K 26/342** (2015.10); **B23K 2101/06** (2018.07); **B23K 2103/04** (2018.07)

Citation (search report)
See references of WO 2022028646A1

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

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
DE 102020120861 A1 20220210; CA 3188468 A1 20220210; EP 4192644 A1 20230614; JP 2023537010 A 20230830; WO 2022028646 A1 20220210

DOCDB simple family (application)
DE 102020120861 A 20200807; CA 3188468 A 20210722; DE 2021100634 W 20210722; EP 21749090 A 20210722; JP 2023508016 A 20210722