

Title (en)
METHOD FOR ADDITIVE MANUFACTURING

Title (de)
VERFAHREN ZUR GENERATIVEN FERTIGUNG

Title (fr)
PROCÉDÉ DE FABRICATION ADDITIVE

Publication
EP 4051445 A1 20220907 (EN)

Application
EP 20803895 A 20201030

Priority
• FI 20195928 A 20191030
• FI 2020050714 W 20201030

Abstract (en)
[origin: WO2021084162A1] Method for additive manufacturing of products, in which method a metal product (2) is formed on a build platform (7) in layers and during the layer formation the metal material is fused to the previously formed layers, wherein during the layer formation process the build platform (7) onto which the product is formed, and via the build platform the formed portion of the product (2) on the build platform, are vibrated, and wherein the layer formation of the product (2) takes place at two fusing steps and the vibrating is utilized in the second fusing step.

IPC 8 full level
B22F 3/105 (2006.01); **B33Y 10/00** (2015.01); **B33Y 30/00** (2015.01); **B33Y 40/20** (2020.01)

CPC (source: EP FI US)
B22F 10/25 (2021.01 - EP FI US); **B22F 10/28** (2021.01 - EP FI US); **B22F 10/38** (2021.01 - EP FI US); **B22F 12/30** (2021.01 - EP US); **B23K 26/342** (2015.10 - FI); **B29C 64/153** (2017.07 - FI); **B29C 64/188** (2017.07 - FI); **B29C 64/194** (2017.07 - FI); **B29C 64/245** (2017.07 - FI); **B33Y 10/00** (2014.12 - EP FI US); **B33Y 30/00** (2014.12 - EP FI); **B33Y 40/00** (2014.12 - FI); **B33Y 40/20** (2020.01 - EP); **B22F 2202/01** (2013.01 - EP); **B22F 2999/00** (2013.01 - EP); **Y02P 10/25** (2015.11 - EP)

Citation (search report)
See references of WO 2021084162A1

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 2021084162 A1 20210506; EP 4051445 A1 20220907; FI 20195928 A1 20210501

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FI 2020050714 W 20201030; EP 20803895 A 20201030; FI 20195928 A 20191030