Title (en)

SINTERED POWDER CONTAINING A NEAR-INFRARED REFLECTOR FOR PRODUCING MOULDED BODIES

Title (de)

SINTERPULVER ENTHALTEND EINEN NAHINFRAROT-REFLEKTOR ZUR HERSTELLUNG VON FORMKÖRPERN

Title (fr)

POUDRE ADAPTÉE AU FRITTAGE, CONTENANT UN RÉFLECTEUR D'IR PROCHE, POUR LA FABRICATION DE CORPS FAÇONNÉS

Publication

EP 3691900 A1 20200812 (DE)

Application

EP 18774081 A 20181001

Priority

- EP 17194722 A 20171004
- EP 2018076684 W 20181001

Abstract (en)

[origin: WO2019068658A1] The invention relates to a method for producing a moulded body, according to which, in step i), a layer of a sintered powder (SP) containing at least one near-infrared reflector, inter alia, is provided, and in step ii), the layer provided in step i) is exposed. The invention also relates to a method for producing a sintered powder (SP), to the sintered powder (SP) that can be produced by said method, and to the use of a near-infrared reflector in a sintered powder (SP). The invention further relates to a moulded body that can be produced by the method according to the invention.

IPC 8 full level

B33Y 70/00 (2020.01); **B29C 64/153** (2017.01); **B33Y 10/00** (2015.01)

CPC (source: EP KR US)

B29B 9/12 (2013.01 - KR US); **B29C 64/153** (2017.08 - EP KR US); **B29C 64/268** (2017.08 - KR US); **B29C 64/314** (2017.08 - EP KR US); **B33Y 10/00** (2014.12 - EP KR US); **B33Y 40/10** (2020.01 - KR); **B33Y 70/10** (2020.01 - EP KR US); **B33Y 80/00** (2014.12 - KR); **C08L 77/02** (2013.01 - US); B29C 64/165 (2017.08 - EP); B29K 2077/00 (2013.01 - KR US); B29K 2105/0032 (2013.01 - KR); B29K 2105/0044 (2013.01 - KR); B29K 2105/06 (2013.01 - KR); B33Y 80/00 (2014.12 - EP); C08L 2205/025 (2013.01 - 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)

WO 2019068658 A1 20190411; CN 111448072 A 20200724; EP 3691900 A1 20200812; JP 2021508291 A 20210304; JP 7309699 B2 20230718; KR 20200056454 A 20200522; KR 20240096728 A 20240626; US 2020230875 A1 20200723

DOCDB simple family (application)

EP 2018076684 W 20181001; CN 201880065176 A 20181001; EP 18774081 A 20181001; JP 2020519779 A 20181001; KR 20207012148 A 20181001; KR 20247018781 A 20181001; US 201816652444 A 20181001