

Title (en)

METHOD FOR PRODUCING A GREEN BODY AND METHOD FOR FURTHER PROCESSING THE GREEN BODY TO FORM A MACHINING SEGMENT

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES GRÜNLINGS UND VERFAHREN ZUR WEITERVERARBEITUNG DES GRÜNLINGS IN EIN BEARBEITUNGSSEGMENT

Title (fr)

PROCÉDÉ DE PRODUCTION D'UN CORPS CRU ET PROCÉDÉ DE TRAITEMENT ULTÉRIEUR DU CORPS CRU POUR FORMER UN SEGMENT D'USINAGE

Publication

EP 4171878 A1 20230503 (DE)

Application

EP 21732008 A 20210610

Priority

- EP 20181949 A 20200624
- EP 2021065614 W 20210610

Abstract (en)

[origin: WO2021259652A1] The invention relates to a method for producing a green body for a machining segment (51) from a pulverulent or granular first matrix material (56) and first hard material particles (57), a lower face (61) of the machining segment being connected to a green body of a machining tool. The machining segment (51), on an upper face (62) opposite the lower face (61), has a projecting portion (Δ) of the first hard material particles (57).

IPC 8 full level

B24D 5/06 (2006.01); **B22F 3/02** (2006.01); **B22F 3/10** (2006.01); **B22F 3/14** (2006.01); **B22F 5/00** (2006.01); **B22F 7/06** (2006.01);
B22F 7/08 (2006.01); **B24D 5/12** (2006.01); **B24D 7/06** (2006.01); **B24D 18/00** (2006.01); **B24D 99/00** (2010.01); **B28D 1/04** (2006.01);
B28D 1/12 (2006.01)

CPC (source: EP US)

B22F 3/02 (2013.01 - EP US); **B22F 3/10** (2013.01 - EP US); **B22F 3/14** (2013.01 - EP US); **B22F 7/062** (2013.01 - EP US);
B22F 7/08 (2013.01 - EP US); **B24D 5/063** (2013.01 - EP US); **B24D 7/063** (2013.01 - EP US); **B24D 18/0009** (2013.01 - EP US);
B22F 2005/001 (2013.01 - EP US); **B22F 2005/005** (2013.01 - EP US); **B22F 2998/10** (2013.01 - EP US); **B22F 2999/00** (2013.01 - EP);
B24D 5/12 (2013.01 - EP); **B24D 99/005** (2013.01 - EP); **B24D 2203/00** (2013.01 - EP); **B28D 1/041** (2013.01 - EP); **B28D 1/12** (2013.01 - EP)

C-Set (source: EP)

1. **B22F 2998/10 + B22F 7/08 + B22F 7/062 + B22F 3/02 + B22F 3/10 + B22F 3/14**
2. **B22F 2999/00 + B22F 2005/001 + B22F 2005/005**

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)

EP 3928905 A1 20211229; EP 4171878 A1 20230503; US 2023294244 A1 20230921; WO 2021259652 A1 20211230

DOCDB simple family (application)

EP 20181949 A 20200624; EP 2021065614 W 20210610; EP 21732008 A 20210610; US 202118010516 A 20210610