

Title (en)
MACHINING SEGMENT FOR A MACHINING TOOL

Title (de)
BEARBEITUNGSSEGMENT FÜR EIN BEARBEITUNGSWERKZEUG

Title (fr)
SEGMENT D'USINAGE POUR OUTIL D'USINAGE

Publication
EP 3898049 A1 20211027 (DE)

Application
EP 19828545 A 20191220

Priority
• EP 18215310 A 20181221
• EP 2019025468 W 20191220

Abstract (en)
[origin: WO2020126091A1] The invention relates to a machining segment (41), which is composed of a first matrix material (44) and first hard material particles (45), the first hard material particles (45) being arranged in the first matrix material (44) according to a defined particle pattern and at the top (48) at least one of the first hard material particles (45) protruding from the first matrix material (44) by more than 400 µm.

IPC 8 full level
B23D 61/04 (2006.01); **B22F 5/00** (2006.01); **B24D 5/06** (2006.01); **B24D 5/12** (2006.01); **B24D 7/06** (2006.01); **B24D 18/00** (2006.01); **B28D 1/04** (2006.01); **B28D 1/12** (2006.01)

CPC (source: EP KR US)
B23D 61/04 (2013.01 - EP KR); **B24D 5/06** (2013.01 - US); **B24D 5/063** (2013.01 - EP KR); **B24D 5/12** (2013.01 - EP KR); **B24D 7/063** (2013.01 - EP KR); **B24D 18/0009** (2013.01 - EP KR); **B28D 1/041** (2013.01 - EP KR); **B28D 1/121** (2013.01 - EP KR); **B22F 2005/001** (2013.01 - EP KR); **B22F 2005/005** (2013.01 - EP KR); **B24D 2203/00** (2013.01 - EP KR)

Citation (search report)
See references of WO 2020126091A1

Designated contracting state (EPC)
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Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
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DOCDB simple family (application)
EP 18215310 A 20181221; EP 19828545 A 20191220; EP 2019025468 W 20191220; KR 20217016753 A 20191220; US 201917415291 A 20191220