

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  
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• 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

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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)  
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**EP 18215310 A 20181221**; EP 19828545 A 20191220; EP 2019025468 W 20191220; KR 20217016753 A 20191220; US 201917415291 A 20191220