

Title (en)

GRINDING TOOL AND METHOD FOR PRODUCING A GRINDING TOOL

Title (de)

SCHLEIFWERKZEUG UND VERFAHREN ZUR HERSTELLUNG EINES SCHLEIFWERKZEUGS

Title (fr)

OUTIL DE MEULAGE ET PROCÉDÉ DE FABRICATION D'UN OUTIL DE MEULAGE

Publication

**EP 3867012 A1 20210825 (DE)**

Application

**EP 18792906 A 20181019**

Priority

EP 2018078712 W 20181019

Abstract (en)

[origin: WO2020078563A1] A grinding tool (1) has a main body (2) with at least one fiber ply (F1, F2) embedded in a binding agent (B). A grinding layer (3) is arranged on the main body (2). The at least one fiber ply (F1, F2) is arranged partially movably in the binding agent (B). In this way, within the main body (2) and within the at least one fiber ply (F1, F2), a relative movement is realized which ensures a high degree of vibration and noise damping.

IPC 8 full level

**B24D 3/20** (2006.01); **B24B 41/00** (2006.01); **B24D 7/04** (2006.01); **B24D 9/08** (2006.01); **B24D 11/02** (2006.01); **B24D 18/00** (2006.01)

CPC (source: EP US)

**B24B 41/007** (2013.01 - EP); **B24D 3/20** (2013.01 - EP); **B24D 7/04** (2013.01 - EP US); **B24D 7/18** (2013.01 - US); **B24D 9/08** (2013.01 - EP US); **B24D 11/02** (2013.01 - EP); **B24D 18/0009** (2013.01 - EP US); **B24D 18/0072** (2013.01 - EP US)

Citation (search report)

See references of WO 2020078563A1

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 2020078563 A1 20200423**; AU 2018445669 A1 20210520; BR 112021006960 A2 20210810; CA 3116449 A1 20200423; EP 3867012 A1 20210825; EP 3867012 B1 20220119; ES 2907107 T3 20220421; MX 2021004212 A 20210527; PL 3867012 T3 20220509; PT 3867012 T 20220215; SG 11202103690P A 20210528; SI 3867012 T1 20220429; US 2021370471 A1 20211202; US 2022143784 A2 20220512

DOCDB simple family (application)

**EP 2018078712 W 20181019**; AU 2018445669 A 20181019; BR 112021006960 A 20181019; CA 3116449 A 20181019; EP 18792906 A 20181019; ES 18792906 T 20181019; MX 2021004212 A 20181019; PL 18792906 T 20181019; PT 18792906 T 20181019; SG 11202103690P A 20181019; SI 201830601 T 20181019; US 201817286067 A 20181019