

Title (en)
GRINDING WHEEL WITH A VIBRATION-DAMPING SUPPORT BODY

Title (de)
SCHLEIFSCHEIBE MIT EINEM SCHWINGUNGSDÄMPFENDEN TRÄGERKÖRPER

Title (fr)
MEULE MUNIE D'UN ÉLÉMENT DE SUPPORT AMORTISSANT LES VIBRATIONS

Publication
EP 3455031 B1 20200311 (DE)

Application
EP 17719985 A 20170419

Priority
• AT 504472016 A 20160513
• AT 2017060099 W 20170419

Abstract (en)
[origin: WO2017193147A1] The invention relates to a grinding wheel (1) comprising a support body (2, 3) which has a central coupling region (4) for attaching the grinding wheel (1) to a rotary drive for rotating the grinding wheel (1) about a rotational axis (5) running through the coupling region (4) and which has a circumferential surface (6). The grinding wheel also comprises a grinding layer (7) which is applied, in particular sintered, onto the circumferential surface (6) of the support body (2, 3). The support body (2, 3) comprises a first part (2) and a second part (3) connected to the first part. The first part (2) has the circumferential surface (6), and the second part (3) has the coupling region (4) and consists substantially of a vibration-damping material.

IPC 8 full level
B24D 5/02 (2006.01); **B24B 41/00** (2006.01); **B24D 5/12** (2006.01); **B24D 5/16** (2006.01)

CPC (source: AT EP IL KR US)
B24B 41/007 (2013.01 - EP IL KR US); **B24B 45/00** (2013.01 - IL KR); **B24D 5/02** (2013.01 - EP IL US); **B24D 5/12** (2013.01 - AT EP IL KR US); **B24D 5/16** (2013.01 - AT EP IL KR 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

DOCDB simple family (publication)
WO 2017193147 A1 20171116; AT 518247 A4 20170915; AT 518247 B1 20170915; CN 109153108 A 20190104; CN 109153108 B 20210427; EP 3455031 A1 20190320; EP 3455031 B1 20200311; ES 2794786 T3 20201119; IL 262609 A 20190228; IL 262609 B 20220301; JP 2019514721 A 20190606; JP 7014776 B2 20220201; KR 102180895 B1 20201120; KR 20180135067 A 20181219; PL 3455031 T3 20200824; SI 3455031 T1 20200930; US 11607777 B2 20230321; US 2019061108 A1 20190228

DOCDB simple family (application)
AT 2017060099 W 20170419; AT 504472016 A 20160513; CN 201780029441 A 20170419; EP 17719985 A 20170419; ES 17719985 T 20170419; IL 26260918 A 20181025; JP 2019512023 A 20170419; KR 20187034181 A 20170419; PL 17719985 T 20170419; SI 201730270 T 20170419; US 201816173034 A 20181029