

Title (en)
GRINDING TOOL

Title (de)
SCHLEIFWERKZEUG

Title (fr)
OUTIL DE RECTIFICATION

Publication
EP 3085492 B1 20191211 (DE)

Application
EP 16162638 A 20160329

Priority
AT 503092015 A 20150420

Abstract (en)
[origin: MX2016005075A] A grinding tool (1) for machining the inside surface (2) of a cylinder bore (3) in a workpiece, having an axis of rotation (4), wherein the grinding tool has a grinding region (5) which is cylindrical with respect to the axis of rotation and a conical grinding region (6) axially adjoining the cylindrical grinding region and the diameter (7) of the conical grinding region (6) increases starting from the cylindrical grinding region (5) in the axial direction (26) with respect to the diameter (8) of the cylindrical grinding region (5)..

IPC 8 full level
B24B 33/02 (2006.01); **B24B 5/06** (2006.01)

CPC (source: AT EP US)
B24B 5/06 (2013.01 - AT EP US); **B24B 5/08** (2013.01 - US); **B24B 33/02** (2013.01 - EP US); **B24B 33/025** (2013.01 - US);
B24B 33/083 (2013.01 - US); **B24D 5/02** (2013.01 - AT)

Citation (opposition)
Opponent : Saint-Gobain Abrasives
ANONYMOUS: "Trompete – Wikipedia", WIKIPEDIA, 8 October 2021 (2021-10-08), pages 1 - 11, XP055849313, Retrieved from the Internet
<URL:https://de.wikipedia.org/wiki/Trompete> [retrieved on 20211008]
Opponent : Saint-Gobain Abrasives, Inc.
• WO 2006091169 A2 20060831 - ATLAS COPCO SECOROC AB [SE], et al
• US 4887221 A 19891212 - DAVIS JAMES K [US], et al
• JP S63267168 A 19881104 - MITSUBISHI ELECTRIC CORP, et al
• JP 2007083323 A 20070405 - DENSO CORP
• WO 2013114527 A1 20130808 - DAINICHI CO LTD [JP], et al
• US 2007060025 A1 20070315 - HAERER ULRICH [DE], et al
• JP S62282852 A 19871208 - MAZDA MOTOR
• JP 2004291226 A 20041021 - FUJI BELLOW CO LTD

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)
EP 3085492 A2 20161026; EP 3085492 A3 20170104; EP 3085492 B1 20191211; AT 517140 A1 20161115; AT 517140 B1 20170215;
ES 2776228 T3 20200729; HU E048117 T2 20200528; MX 2016005075 A 20161019; PL 3085492 T3 20200601; US 10751849 B2 20200825;
US 2016303700 A1 20161020

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PL 16162638 T 20160329; US 201615130106 A 20160415