

Title (en)

TOOL FOR HONING AN OUTER SURFACE OF A STRAIGHT CYLINDRICAL TUBE

Title (de)

WERKZEUG ZUM HONEN EINER AUSSENFLÄCHE EINES ZYLINDRISCHEN GERADEN ROHRS

Title (fr)

OUTIL DE RODAGE D'UNE SURFACE EXTERNE D'UN TUBE CYLINDRIQUE DROIT

Publication

EP 3047939 B1 20170913 (FR)

Application

EP 16152135 A 20160120

Priority

FR 1550558 A 20150123

Abstract (en)

[origin: US2016214229A1] A honing tool (1) for honing a cylindrical external surface (2) of a rod (3). The tool comprises a plurality of honing inserts (4) adapted to hone a metal; and a support (5) for the honing inserts. The inserts (4) are carried by the support (5) and define a passage (6) around which the inserts (4) are to be found and in which the cylindrical external surface (2) of the rod (3) is insertable. The tool (1) includes a plurality of sliding skids (7) carried by the support (5), the sliding skids (7) and the honing inserts (4) being arranged to be capable of coming simultaneously into contact against the cylindrical external surface (2) of the rod (3) when the rod is placed inside said passage (6) and so as to be able to center the cylindrical external surface (2) inside said passage (6).

IPC 8 full level

B24B 33/04 (2006.01); **B08B 9/02** (2006.01); **B24B 33/08** (2006.01)

CPC (source: EP US)

B24B 5/04 (2013.01 - EP US); **B24B 33/04** (2013.01 - EP US); **B24B 33/08** (2013.01 - EP US); **B24B 33/081** (2013.01 - EP US); **B24B 33/083** (2013.01 - EP US); **B24B 33/105** (2013.01 - EP US)

Cited by

CN112959208A

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 3047939 A1 20160727; **EP 3047939 B1 20170913**; CA 2918614 A1 20160723; CA 2918614 C 20180612; FR 3031925 A1 20160729; FR 3031925 B1 20170825; US 10183373 B2 20190122; US 2016214229 A1 20160728

DOCDB simple family (application)

EP 16152135 A 20160120; CA 2918614 A 20160121; FR 1550558 A 20150123; US 201615003382 A 20160121