

Title (en)

SPINDLE OF A GRINDING MACHINE TOOL

Title (de)

SPINDEL EINER WERKZEUGSCHLEIFMASCHINE

Title (fr)

BROCHE D'UNE AFFÛTEUSE D'OUTILS

Publication

EP 2934816 A1 20151028 (DE)

Application

EP 14786498 A 20141017

Priority

- DE 102013111599 A 20131021
- EP 2014072304 W 20141017

Abstract (en)

[origin: WO2015059046A1] A cylindrical workpiece to be machined by grinding can be positioned particularly accurately when the workpiece is supported on at least one, preferably two static support elements and immobilised in a collet of a spindle, allowing both wobbling to be compensated and the spindle axis to be radially shifted relative to the longitudinal axis of the workpiece.

IPC 8 full level

B23Q 1/70 (2006.01); **B23Q 3/18** (2006.01); **B24B 3/00** (2006.01); **B24B 41/04** (2006.01); **B24B 41/06** (2012.01)

CPC (source: EP KR US)

B24B 3/00 (2013.01 - EP US); **B24B 3/24** (2013.01 - KR); **B24B 3/36** (2013.01 - KR); **B24B 41/042** (2013.01 - EP KR US);
B24B 41/066 (2013.01 - EP KR US)

Citation (search report)

See references of WO 2015059046A1

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 2015059046 A1 20150430; CN 105764647 A 20160713; CN 105764647 B 20180508; CN 204277753 U 20150422;
DE 102013111599 A1 20150806; EP 2934816 A1 20151028; EP 2934816 B1 20170329; JP 2016535683 A 20161117; JP 6205054 B2 20170927;
KR 101777147 B1 20170911; KR 20160085275 A 20160715; PL 2934816 T3 20180330; PL 2934816 T4 20180330; US 10065287 B2 20180904;
US 2016229027 A1 20160811

DOCDB simple family (application)

EP 2014072304 W 20141017; CN 201420393584 U 20140716; CN 201480057510 A 20141017; DE 102013111599 A 20131021;
EP 14786498 A 20141017; JP 2016526136 A 20141017; KR 20167013480 A 20141017; PL 14786498 T 20141017;
US 201615134709 A 20160421