

Title (en)
Grinding machine

Title (de)
Schleifmaschine

Title (fr)
Meuleuse

Publication
EP 2319656 B1 20160504 (EN)

Application
EP 10180502 A 20100928

Priority
JP 2009225270 A 20090929

Abstract (en)
[origin: EP2319656A2] In a grinding machine 1 which is provided with: a grinding wheel 4 grinding an outer peripheral surface or an inner peripheral surface of a workpiece W in a substantially cylindrical shape; a worktable 3 supporting the workpiece W in a rotationally drivable manner and having a rotation axis directed in a vertical direction; and a first and a second shoe 5, 6 abutting on the workpiece W to support the workpiece W, there are provided: a moving mechanism capable of moving the first and second shoes 5, 6 in X-axis and Y-axis directions in a horizontal plane; and a controller 20 controlling the moving mechanism so that positions in the two-axial directions of the first and second shoes 5, 6 become predetermined positions.

IPC 8 full level
B24B 5/04 (2006.01); **B24B 5/00** (2006.01); **B24B 5/06** (2006.01); **B24B 5/12** (2006.01); **B24B 41/06** (2012.01)

CPC (source: EP KR)
B24B 5/04 (2013.01 - EP KR); **B24B 5/06** (2013.01 - EP KR); **B24B 5/12** (2013.01 - EP KR); **B24B 41/067** (2013.01 - EP KR);
B24B 51/00 (2013.01 - KR)

Cited by
WO2021094756A1

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 SE SI SK SM TR

DOCDB simple family (publication)
EP 2319656 A2 20110511; **EP 2319656 A3 20130116**; **EP 2319656 B1 20160504**; CN 201833239 U 20110518; ES 2574230 T3 20160616;
JP 2011073082 A 20110414; JP 5416527 B2 20140212; KR 101713202 B1 20170307; KR 20110035919 A 20110406;
TW 201114547 A 20110501; TW I434749 B 20140421

DOCDB simple family (application)
EP 10180502 A 20100928; CN 201020561513 U 20100928; ES 10180502 T 20100928; JP 2009225270 A 20090929;
KR 20100093324 A 20100927; TW 99132735 A 20100928