

Title (en)
GRINDING MACHINE AND METHOD OF OPERATING SUCH GRINDING MACHINE

Title (de)
SCHLEIFMASCHINE UND VERFAHREN ZUM BETRIEB EINER SOLCHEN SCHLEIFMASCHINE

Title (fr)
MEULEUSE ET PROCÉDÉ DE FONCTIONNEMENT D'UNE TELLE MEULEUSE

Publication
EP 4005731 A1 20220601 (EN)

Application
EP 21208976 A 20211118

Priority
IT 202000028397 A 20201125

Abstract (en)
The present invention relates to a grinding machine (1) comprising a first and a second grinding wheel (2a, 2b) separated by a gap (3) and configured to contact a workpiece (100); a support blade (4) positioned in the gap (3) and having a contact surface (4a) having a work profile (40a) shaped to contact at one and only one point at a time the workpiece (100), and being further shaped to contact the workpiece (100) with different working angles (γ), in different respective working steps. Also, the present invention relates to a method for operating such grinding machine comprising a support blade configured to arrange the workpiece (100) at a first working height (h_{w1}) with a first working angle (γ_1) in the first working step, and at a second working height (h_{w2}) with a second working angle (γ_2), in the second step.

IPC 8 full level
B24B 5/22 (2006.01); **B24B 5/307** (2006.01); **B24B 41/06** (2012.01)

CPC (source: EP)
B24B 5/22 (2013.01); **B24B 5/307** (2013.01); **B24B 41/067** (2013.01)

Citation (applicant)

- US 2004209558 A1 20041021 - JUNKER ERWIN [DE]
- US 2897636 A 19590804 - PYNE ROGER S, et al
- KR 102028879 B1 20191004 - CHO KI SUN [KR]

Citation (search report)

- [A] US 2897636 A 19590804 - PYNE ROGER S, et al
- [A] KR 102028879 B1 20191004 - CHO KI SUN [KR]

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)
EP 4005731 A1 20220601; IT 202000028397 A1 20220525

DOCDB simple family (application)
EP 21208976 A 20211118; IT 202000028397 A 20201125