

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 ( $\gamma$ ), 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 ( $\gamma_1$ ) in the first working step, and at a second working height ( $h_{w2}$ ) with a second working angle ( $\gamma_2$ ), in the second step.

IPC 8 full level  
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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]

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