

Title (en)  
GRINDING UNIT

Title (de)  
SCHLEIFEINHEIT

Title (fr)  
UNITÉ DE MEULAGE

Publication  
**EP 3856457 B1 20221026 (EN)**

Application  
**EP 19787479 A 20190923**

Priority  
• IT 201800008898 A 20180925  
• IT 2019050206 W 20190923

Abstract (en)  
[origin: WO2020065688A1] A grinding unit (100) comprises a rotating head (10) provided with abrasive oscillating blocks (B) mounted on tool supports (11) connected to a rotating casing (12), for working on flat surfaces, rotating cam means (131), (132), (133), connected to the abrasive oscillating blocks (B) through arms (14) integral with the tool supports (11). A first motor (20) is adapted to move the rotating casing (12) by imparting a first dragging speed ( $\omega t1$ ). A second motor (30) is adapted to move the rotating cam means (131), (132), (133) by imparting a second dragging speed ( $\omega t2$ ). A controller of the first motor (20) and of the second motor (30) is adapted to allow to regulate the distribution of the value of the first dragging speed ( $\omega t1$ ) and that of the second dragging speed ( $\omega t2$ ) to allow to obtain a desired law of motion ( $\omega B$ ) of the abrasive oscillating blocks (B).

IPC 8 full level  
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CPC (source: EP)  
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Designated contracting state (EPC)  
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