

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 (ωB) of the abrasive oscillating blocks (B).

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CPC (source: EP)
B24B 41/0475 (2013.01)

Designated contracting state (EPC)
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