

Title (en)  
GRINDING MACHINE WITH A NARROW BELT

Publication  
**EP 0002145 B1 19810701 (FR)**

Application  
**EP 78400162 A 19781102**

Priority  
FR 7734173 A 19771114

Abstract (en)  
[origin: EP0002145A1] 1. Narrow belt grinder comprising a frame (1), a horizontal table (2) connected to the frame (1) and adjustable in height, for receiving pieces (B) to be ground, two drums (20, 21), two supports (24, 25) connected to the frame (1) and supporting these drums (20, 21) in rotation, one of the supports (24, 25) comprising a drive motor (23), an endless abrasive belt (22) stretched between these drums (20, 21) and disposed above the table, and a pressure beam (40) connected to the frame (1) and arranged for its lower surface to press on the lower side of the belt, characterized in that the drum supports (24, 25) are connected to the frame (1) so as to allow the drums (20, 21) and therefore the abrasive belt (22), to make a movement of oscillation transverse with respect to the direction of displacement of the abrasive belt (22), and the transverse section of the lower surface of the pressure beam (40) is in the form of an arc of circle centred on the axis of oscillation.

IPC 1-7  
**B24B 21/10**

IPC 8 full level  
**B24B 21/10** (2006.01)

CPC (source: EP)  
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**EP 0002145 A1 19790530; EP 0002145 B1 19810701**; DE 2860814 D1 19811008; ES 475066 A1 19790401; FR 2408428 A1 19790608; FR 2408428 B1 19821203; IT 1100087 B 19850928; IT 7829559 A0 19781108

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