

Title (en)  
Grinding machine.

Title (de)  
Schleifmaschine.

Title (fr)  
Machine à affûter.

Publication  
**EP 0462057 B1 19931215 (FR)**

Application  
**EP 91810412 A 19910531**

Priority  
CH 196290 A 19900611

Abstract (en)  
[origin: EP0462057A1] Numerical-control machine for the grinding of cutting tools, comprising a vertical column (6) carrying one or two pairs of grinding-spindle heads (8 to 11), the grinding-spindle heads of each pair of which are integral in terms of rotation about a common horizontal axis and are orientable about this axis by a common electromechanical means. <IMAGE>

IPC 1-7  
**B24B 3/00**; **B24B 3/16**; **B24B 27/00**

IPC 8 full level  
**B24B 3/00** (2006.01); **B24B 3/16** (2006.01); **B24B 27/00** (2006.01)

CPC (source: EP)  
**B24B 3/00** (2013.01); **B24B 3/16** (2013.01); **B24B 27/0061** (2013.01)

Citation (examination)  
• US 4524544 A 19850625 - HABIB ROBERT [CH]  
• Brochure HARO F4 CNC

Cited by  
US2018015579A1; CN111085932A; CN111070062A; JP2018008371A; CN107617959A; EP1935564B1

Designated contracting state (EPC)  
DE ES FR GB IT SE

DOCDB simple family (publication)  
**EP 0462057 A1 19911218**; **EP 0462057 B1 19931215**; CH 683330 A5 19940228; DE 69100785 D1 19940127; DE 69100785 T2 19940630

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