

Title (en)  
TOOL-GRINDING MACHINE

Publication  
**EP 0328034 A3 19910502 (DE)**

Application  
**EP 89102053 A 19890207**

Priority  
DE 3804010 A 19880210

Abstract (en)  
[origin: EP0328034A2] A tool-grinding machine has a machine frame, a table traversable horizontally along the x-axis, a first indexing attachment with a chuck, and a tailstock on the table, a grinding head traversable horizontally along the y-axis and vertically along the z-axis, and also a drivable grinding spindle which projects from the grinding head and to which a grinding wheel can be fastened for machining a workpiece clamped in the first indexing attachment. In order to realise precise vertical traversability of the grinding head with an enlarged clearance space at the workpiece, the tool-grinding machine has a vertical machine column traversable along the y-axis and a carriage which is vertically traversable on the machine column and on which the grinding head is rotatably mounted about an axis (C-axis) lying in a vertical plane. <IMAGE>

IPC 1-7  
**B24B 41/02**

IPC 8 full level  
**B24B 5/04** (2006.01); **B24B 41/02** (2006.01)

CPC (source: EP)  
**B24B 41/02** (2013.01)

Citation (search report)  
• [X] EP 0023876 A1 19810211 - SMP ANCIENNE SOCIETE MECANIQUE [FR]  
• [Y] EP 0220375 A2 19870506 - ZANG VOLKER  
• [A] US 3427750 A 19690218 - GLUCHOWICZ GERSZON  
• [A] US 4186529 A 19800205 - HUFFMAN STANLEY E [US]  
• [A] GB 956762 A 19640429 - HAMMOND MACHINERY BUILDERS INC

Cited by  
CN107414188A; CN105479287A; CN104044077A; EP0424815A1; CN108705415A; US10421172B2; WO9504629A1

Designated contracting state (EPC)  
AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)  
**EP 0328034 A2 19890816; EP 0328034 A3 19910502; DE 3804010 A1 19890824; JP H01316157 A 19891221**

DOCDB simple family (application)  
**EP 89102053 A 19890207; DE 3804010 A 19880210; JP 3253989 A 19890210**