

Title (en)  
DEVICE FOR GRINDING CUTTING TOOLS WITH STRAIGHT OR HELICAL GROOVE

Publication  
**EP 0281025 B1 19910904 (DE)**

Application  
**EP 88102877 A 19880226**

Priority  
DE 3706948 A 19870304

Abstract (en)  
[origin: EP0281025A1] The device has a work or tool spindle (14) which is rotatable in a housing (4), can be set manually in a combined feed and rotary movement which is determined by a roller (16) engaging on its circumferential surface (15) and rotationally adjustable about an axis running in the radial direction relative to the spindle, and has an adjusting device (58) for adjusting the respective angular position of the spindle, in which arrangement the roller, in the direction of its adjusting axis, is held frictionally in contact with the spindle relative to a spring force via a first electromagnetic actuating device (B1) and can be tripped as a function of the axial feed position of the spindle, and the adjusting device for the angular position of the spindle is a second electromagnetic actuating device (B2) which is held in a spring-loaded manner in a position releasing the spindle, can be tripped manually and can be moved into a position locking the spindle. <IMAGE>

IPC 1-7  
**B24B 3/02**; **B24B 3/24**; **B24B 19/04**

IPC 8 full level  
**B24B 3/12** (2006.01); **B24B 3/02** (2006.01); **B24B 3/24** (2006.01); **B24B 19/04** (2006.01); **B24B 41/04** (2006.01)

CPC (source: EP US)  
**B24B 3/02** (2013.01 - EP US); **B24B 3/24** (2013.01 - EP US); **B24B 19/04** (2013.01 - EP US); **B24B 41/04** (2013.01 - EP US)

Cited by  
CN114603406A; EP0446128A1; FR2659260A1

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DOCDB simple family (publication)  
**EP 0281025 A1 19880907**; **EP 0281025 B1 19910904**; AT E66845 T1 19910915; DE 3706948 A1 19880915; DE 3864542 D1 19911010; JP H01228763 A 19890912; JP H0581385 B2 19931112; US 4890419 A 19900102

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**EP 88102877 A 19880226**; AT 88102877 T 19880226; DE 3706948 A 19870304; DE 3864542 T 19880226; JP 5248288 A 19880304; US 16115888 A 19880206