

Title (en)  
TOOL-CHANGING DEVICE FOR GRINDING OPERATIONS

Publication  
**EP 0236379 B1 19910529 (DE)**

Application  
**EP 86905216 A 19860912**

Priority  
DE 3533090 A 19850917

Abstract (en)  
[origin: DE3533090A1] A device for changing tools used during grinding operations (grinding wheels, rough-finishing rolls and similar) comprises a transfer unit (7, 8) with a column (9, 80), chassis or similar having one or several supports (H1, H2) for tool units (W1, W2). Each unit can be fitted into a tool-holder (14, 94) which can be moved with two degrees of freedom (F1, F2) transversely in relation to the axis (M) of the column (9, 80). In addition, the tool carrier (14, 94) can move axially in relation to the base (16) which supports it. The tool units are in particular provided with a spring-loaded clamping device (62), which can be operated from outside and is fitted in the clamping flange (31).

IPC 1-7  
**B23B 31/26; B23Q 3/157; B24B 45/00; B25J 17/02**

IPC 8 full level  
**B23B 31/26** (2006.01); **B23Q 3/157** (2006.01); **B24B 45/00** (2006.01); **B25J 17/02** (2006.01)

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