

Title (en)  
Drill sharpening device.

Title (de)  
Bohrerschleifvorrichtung.

Title (fr)  
Dispositif d'affûtage des forets.

Publication  
**EP 0234396 A2 19870902 (DE)**

Application  
**EP 87101801 A 19870210**

Priority  
DE 3604536 A 19860213

Abstract (en)  
Device for sharpening twist drills (10) or the like, with a rotatably driven grinding wheel (12) and a chucking member (18) for the drill (10), which chucking member (18) can be pivoted about a pivoting axis (20) running at right angles to the drill axis and parallel to the grinding plane (16), in which arrangement the pivoting axis (20) of the chucking member (18) relative to the point of the drill (10) is at a distance (a) below the grinding plane (16) of the grinding wheel (12) in order to quickly and accurately produce a ground finish on two or four surfaces without an axial infeed movement of the drill (10). <IMAGE>

Abstract (de)  
Vorrichtung zum Schärfen von Spiralbohrern (10) o. dgl. mit einer drehbeweglich angetriebenen Schleifscheibe (12) und einem Einspannorgan (18) für den Bohrer (10), das um eine rechtwinklig zur Bohrerachse und parallel zur Schleifebene (16) verlaufende Schwenkachse (20) schwenkbar ist, wobei zur raschen und genauen Herstellung eines Zweiflächenschliffes oder eines Vierflächenschliffes ohne axiale Zustellbewegung des Bohrers (10) die Schwenkachse (20) des Einspannorgans (18) bezüglich der Spitze des Bohrers (10) mit Abstand (a) unter der Schleifebene (16) der Schleifscheibe (12) liegt.

IPC 1-7  
**B24B 3/26**

IPC 8 full level  
**B24B 3/28** (2006.01)

CPC (source: EP)  
**B24B 3/28** (2013.01)

Cited by  
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Designated contracting state (EPC)  
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