

Title (en)  
METHOD AND DEVICE FOR SHARPENING THE POINT OF A TWIST DRILL

Publication  
**EP 0048031 B1 19850821 (DE)**

Application  
**EP 81107335 A 19810916**

Priority  
DE 3035099 A 19800917

Abstract (en)  
[origin: EP0048031A2] 1. A method of producing a cylinder jacket point ground surface of twist drills, wherein the main cutting edge (6) of the drill (1) is engaged by means of a drill holder (20; 46) at a predetermined point angle ( $\delta$ ) with respect to the cutting outer peripheral surface of a grinding wheel (2') being formed with a correspondingly profiled periphery and the cylinder jacket (Z) defining the main rake surface (7a, 7b) of the drill and the rake angle ( $\alpha$ ) thereof is generated by a translatory relative movement (T) caused between the grinding wheel (2') and the drill axis (1a), which movement is substantially parallel to the main cutting edge (6) of the drill, characterized in that the translatory relative movement (T) is affected in a direction forming an adjustably angle of attack ( $\phi$ ) with the radial plane (R) of the grinding wheel (2').

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

IPC 8 full level  
**B24B 3/26** (2006.01)

CPC (source: EP)  
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