

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

Publication
EP 0048031 A3 19820714 (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 (ν) 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 (α) 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 (ϕ) with the radial plane (R) of the grinding wheel (2').

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B24B 3/26

IPC 8 full level
B24B 3/26 (2006.01)

CPC (source: EP)
B24B 3/26 (2013.01)

Citation (search report)

- DE 2523204 A1 19760304 - SCHMALKALDEN WERKZEUG
- US 3490884 A 19700120 - BRIERLEY ZACHRY
- DD 55917 A1

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JPH0743109U; JPS61279454A; CN112571269A; US12030155B2

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