

Title (en)
DEVICE FOR SHARPENING TWIST DRILLS

Publication
EP 0152400 A3 19861230 (DE)

Application
EP 85890035 A 19850213

Priority
AT 46484 A 19840214

Abstract (en)
[origin: ES8601748A1] The ground twist drill has undercut and a chip groove for each face. Opposite the working face of the grinding wheel, and incapable of movement in the axial direction is a drill bit guide, containing guide channels for the undercut faces of bits of different dias. In each channel is a guide pin engaging in a chip groove, with all pins mounted in a bracket between the guide and the working surface. - The bracket (11,12) is movable between the guide (9) and the surface (4a) and is spring-loaded towards the latter. It has a wheel stop (13) of material harder than the wheel (3), e.g. tungsten carbide, with a face (24a) parallel to the working surface. It limits the amount of movement of the bracket towards the wheel under the spring action.
[origin: ES8601748A1] The ground twist drill has undercut and a chip groove for each face. Opposite the working face of the grinding wheel, and incapable of movement in the axial direction is a drill bit guide, containing guide channels for the undercut faces of bits of different dias. In each channel is a guide pin engaging in a chip groove, with all pins mounted in a bracket between the guide and the working surface. - The bracket (11,12) is movable between the guide (9) and the surface (4a) and is spring-loaded towards the latter. It has a wheel stop (13) of material harder than the wheel (3), e.g. tungsten carbide, with a face (24a) parallel to the working surface. It limits the amount of movement of the bracket towards the wheel under the spring action.

IPC 1-7
B24B 3/26

IPC 8 full level
B24B 3/26 (2006.01)

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

Citation (search report)
• [A] US 2800755 A 19570730 - PERRA JOSEPH D
• [A] FR 2242853 A5 19750328 - BOSCH GMBH ROBERT [DE]
• [A] DE 1959470 A1 19710722 - WURSCHER RAIMUND AUGUST
• [A] DE 2042014 A1 19710422 - WURSCHER RAIMUND DR PHIL

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Designated contracting state (EPC)
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)
EP 0152400 A2 19850821; EP 0152400 A3 19861230; EP 0152400 B1 19880511; AT 380419 B 19860526; AT A46484 A 19851015; AT E34113 T1 19880515; CA 1233988 A 19880315; DE 3562578 D1 19880616; ES 540321 A0 19851116; ES 8601748 A1 19851116; JP S60180757 A 19850914; JP S6236827 B2 19870810; US 4574529 A 19860311

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