

Title (en)
AUXILIARY DEVICE FOR SHARPENING TWIST DRILLS

Publication
EP 0143870 B1 19880107 (DE)

Application
EP 84103750 A 19840405

Priority
DE 3338910 A 19831027

Abstract (en)
[origin: US4566227A] An auxiliary device for re-grinding spiral drills which includes a clamping channel for accommodating the spiral drill. The auxiliary device includes a polyhedronal shaped body which is adapted to be clamped onto the spiral drill. An outlet portion of the body is provided with at least one sight-edge running in parallel to a main cutting edge, with the sight-edge being several times longer than the main cutting edge. A bottom side of the body is formed as a supporting surface for supporting the same on a grinding table, with the supporting surface being inclined at a front clearance angle with respect to a longitudinal center axis of the drill. The body may be provided with two sight-edges at the outlet portion, with the sight-edges being inclined with respect to each other at an angle corresponding to a center angle of the drill. Additionally, the bottom as well as top side of the body may be fashioned as supporting surfaces set at the clearance angle with respect to the drill axis.

IPC 1-7
B24B 3/26

IPC 8 full level
B24B 3/26 (2006.01); **B24B 3/24** (2006.01)

CPC (source: EP US)
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Cited by
CN102099154A; EP2321090A4; AU2009263039B2

Designated contracting state (EPC)
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EP 0143870 A1 19850612; EP 0143870 B1 19880107; AT E31655 T1 19880115; DE 3338910 A1 19850509; DE 3468355 D1 19880211; JP S6094261 A 19850527; US 4566227 A 19860128

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EP 84103750 A 19840405; AT 84103750 T 19840405; DE 3338910 A 19831027; DE 3468355 T 19840405; JP 8038484 A 19840423; US 62523684 A 19840627