

Title (en)

Sharpening machine for twist drills, in particular for drilling machines.

Title (de)

Schleifmaschine für Spiralbohrer, insbesondere für Bohrmaschinen.

Title (fr)

Dispositif d'affûtage pour forets hélicoïdaux, en particulier pour perceuses.

Publication

**EP 0405338 A2 19910102 (EN)**

Application

**EP 90111799 A 19900621**

Priority

IT 2101289 A 19890628

Abstract (en)

A sharpening machine for twist drills, in particular for drilling machines, including: a basement (2), a motor (4), an abrasive wheel (5) driven by the motor (4), a support and guide device (6) suitable for locating a twist drill (7) in sharpening position and for causing a shaping movement to the same twist drill, and handling means (42) suitable for obtaining the reciprocal approaching of the twist drill (7) and the abrasive wheel (5), the support and guide device (6) including a guide pin (10) engaged with the basement (2), an oscillating base (8) hinged to the guide pin (10) and supporting the positioning means (12) engaging the tang (7a) of the helical twist drill (7), and tightening means (19) including grip cheeks (20) located in proximity of the abrasive wheel (5) and rotating in reciprocal approaching for tightening the helical twist drill (7) in proximity of the cutting end thereof (7b).

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

CN107322378A; US6450864B1; US6626745B1; WO9801259A3

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR LI LU NL SE

DOCDB simple family (publication)

**EP 0405338 A2 19910102; EP 0405338 A3 19910724**; IT 1230940 B 19911108; IT 8921012 A0 19890628

DOCDB simple family (application)

**EP 90111799 A 19900621**; IT 2101289 A 19890628