

Title (en)
ANGLED OR INCLINED DRILLING DEVICE

Title (de)
WINKEL- BZW. SCHRÄGBOHR-EINRICHTUNG

Title (fr)
DISPOSITIF DE PER AGE ANGULAIRE OU INCLINE

Publication
EP 1257387 A1 20021120 (DE)

Application
EP 01903496 A 20010202

Priority

- AT 0100026 W 20010202
- AT 1802000 A 20000204
- AT 12112000 A 20000712

Abstract (en)
[origin: WO0156750A1] The invention relates to an inclined drilling device with a baseplate (2), which may be placed on a workpiece and two guide supports, extending from said baseplate, parallel to each other, along which a slide clamp with guide blocks, for fixing or holding a drilling machine may be displaced by sliding. The mechanically linked guide supports may be rotated about a common axis, in a plane perpendicular to the baseplate, in the vicinity of said baseplate, with a vertical rotation range (vw), theoretically, of 180 DEG and fixed in a desired vertical angled position (vw) with the drilling axis. According to the invention, a) the guide supports (3) are linked by means of a manipulation arch (33), with both ends thereof linked to said guide supports (3) in the vicinity of the joints (23), whilst holding said guide supports parallel to each other or b) the guide supports are not fixed to a manipulation arch as per a), but instead of which are provided with a manipulation arch (33') or similar, connected to the sliding drill machine slides (4), or the guide blocks (41) thereof, provided for guiding the drill machine (100) along the guide supports.

IPC 1-7
B25H 1/00

IPC 8 full level
B25H 1/00 (2006.01)

CPC (source: EP)
B25H 1/0078 (2013.01)

Citation (search report)
See references of WO 0156750A1

Cited by
DE102016109544A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
WO 0156750 A1 20010809; AU 3140801 A 20010814; DE 50105246 D1 20050310; EP 1257387 A1 20021120; EP 1257387 B1 20050202

DOCDB simple family (application)
AT 0100026 W 20010202; AU 3140801 A 20010202; DE 50105246 T 20010202; EP 01903496 A 20010202