

Title (en)
Portable guide device for precision drilling

Title (de)
Tragbare Bohrvorrichtung zur präzisen Bohrerführung

Title (fr)
Dispositif portable pour forage de précision

Publication
EP 1201374 B1 20050706 (FR)

Application
EP 01870232 A 20011030

Priority
BE 200000694 A 20001030

Abstract (en)
[origin: EP1201374A1] A portable electric drill cradle (1) and support stops (6,7,13) can slide in either direction along a linear guide (2). The relative distance between the cradle and the support stops can be varied before or during drilling, so as to define a movable part and fixed part. The jig has means for locking and unlocking the movable part. The support stops include a centering system. The movable part can include the cradle or the stops. Precision, centering, guiding and positioning jig for a portable electric drill (0). The jig includes a linear guide preferable containing a rule (2) as well as a drill cradle (1) and support stops for the object to be machined in the machining axis (13) and object support stops in a plane perpendicular to the machining axis (6,7). The two stops are preferably fixed with respect to each other. The locking and unlocking system includes a trigger (4) and a locking mechanism having a reset spring. The sliding movement of the movable part is completely locked when the trigger (4) is pressed.

IPC 1-7
B25H 1/00

IPC 8 full level
B25H 1/00 (2006.01)

CPC (source: EP)
B25H 1/0057 (2013.01)

Cited by
NL1034093C2; RU177082U1; EP1642686A3

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