

Title (en)

Drilling support with feeding arrangement for hand-held drilling machine

Title (de)

Bohrständer mit Vorschubeinrichtung für Handbohrmaschine

Title (fr)

Support de perçage avec équipement d'avance pour perceuse à main

Publication

EP 0747180 A1 19961211 (DE)

Application

EP 95630053 A 19950524

Priority

- EP 95630053 A 19950524
- US 65061796 A 19960520

Abstract (en)

The stand has a length-adjustable support of two telescopic bars (2,4), and a carrier (10) for a drill (30), which is axially moveable on one bar towards the drilling location, via a lockable adjusting device (40). An advance pressure spring (50) is located between carrier and adjuster. An advance pressure spring is located between carrier and adjuster. When a drill clamped in the carrier comes into contact with the drilling point, the spring is compressed and an advance force is applied to the carrier via the adjusting device. The spring is a helical spring arranged around the bar. The adjusting device has a threaded ring, which is adjustable on a threaded section of the bar.

Abstract (de)

Ein Bohrständer für eine Handbohrmaschine (30) hat eine längenveränderliche Stütze (2, 4) auf der ein Einspannfutter (20) für die Bohrmaschine (30) verschiebbar geführt ist. Eine Feder (50) drückt die Bohrmaschine (30) in Vorschubrichtung. Durch eine auf der Stütze (2, 4) verstellbare Verstelleinheit (40) wird die Bohrmaschine (30) über die Feder (50) angehoben und die Feder (50) zur Erzeugung der Vorschubskraft zusammengedrückt. <IMAGE>

IPC 1-7

B25H 1/00

IPC 8 full level

B28D 1/14 (2006.01); **B23B 45/14** (2006.01); **B25H 1/00** (2006.01)

CPC (source: EP US)

B25H 1/0035 (2013.01 - EP US); **Y10S 408/712** (2013.01 - EP US); **Y10T 408/675** (2015.01 - EP US); **Y10T 408/91** (2015.01 - EP US)

Citation (search report)

- [A] CH 448682 A 19671215 - HUERLIMANN HANS [CH]
- [A] DE 2643598 A1 19780330 - SCHOCKER BERTHOLD
- [A] DE 8902424 U1 19890608
- [A] DE 2630446 B1 19771208 - LINNEPE KURT

Cited by

DE102016113528A1; CN109732790A

Designated contracting state (EPC)

AT BE CH DE ES FR GB IT LI LU NL SE

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EP 0747180 A1 19961211; AU 5243696 A 19961205; CA 2177202 A1 19961125; JP H08332628 A 19961217; US 5676503 A 19971014

DOCDB simple family (application)

EP 95630053 A 19950524; AU 5243696 A 19960523; CA 2177202 A 19960523; JP 15023696 A 19960522; US 65061796 A 19960520