

Title (en)

Vibration-dampened holder for chiselling tools.

Title (de)

Vibrationsgedämpfter Halter für Meisselwerkzeuge.

Title (fr)

Manche avec amortissement des vibrations pour outil à ciseau.

Publication

**EP 0492034 A1 19920701 (EN)**

Application

**EP 90850419 A 19901220**

Priority

EP 90850419 A 19901220

Abstract (en)

A vibration-dampened holder for a chiselling tool comprises a gripping sleeve (10) which telescopically displaceably surrounds a shaft (20) which is detachably connectable to a tool (70), two helical springs oriented in the longitudinal direction of the rod and surrounding the rod, being connected by one end to the sleeve (10). The two springs (31, 32) are connected to the shaft (20) approximately mid-way along the length of the sleeve (10), and are pre-stressed with a force of about 7 kg, as well as having different spring constants. The sleeve (10) is secured against turning in relation to the shaft (20), and the rear spring (31) is arranged to be compressed approximately 150 mm from the unloaded state of the holder, upon an axial load of approximately 40 kg. <IMAGE>

IPC 1-7

**B25D 17/04**

IPC 8 full level

**B25D 17/04** (2006.01)

CPC (source: EP)

**B25D 17/046** (2013.01)

Citation (search report)

- [X] US 1362657 A 19201221 - SIDNEY WHYTE WILLIAM
- [X] US 1451102 A 19230410 - NEALE CHARLES C

Cited by

GB2382857B; WO03000470A1

Designated contracting state (EPC)

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