

Title (en)
Movable head for vises

Title (de)
Bewegbarer Kopf für Schraubstöcke

Title (fr)
Tête déplaçable pour étaus

Publication
EP 1475189 A1 20041110 (EN)

Application
EP 03380109 A 20030507

Priority
EP 03380109 A 20030507

Abstract (en)
The pressure element (3), which can move with respect to the body (1) of the head through the effect of the typical manual lever (5), approaching or moving away from the complementary fixed head, is driven by said lever (5) through a bushing (10) with a smooth outer surface, related to the body (1) through a pin (11), and to whose free end the pressure element (3) is solidly joined; to this effect, the orifice in which said bushing moves has a smooth section (6), while the bushing (10) is threaded internally, receiving a section, also threaded (9) of a shaft that has another opposingly threaded section (8), and which in turn combines with a threaded section (7) of the aforementioned orifice on the body (1) of the head, all in such a way that the speed at which the pressure element (3) moves forward or backward is doubled for one turn speed of the manual lever (5); in addition, the distance between the lever (5) and the pressure element (3) is considerably shorter for the same distance traveled by the latter, and the threads of the vise are protected from the surrounding environment. <IMAGE>

IPC 1-7
B25B 5/10

IPC 8 full level
B25B 5/10 (2006.01)

CPC (source: EP)
B25B 5/102 (2013.01)

Citation (search report)

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