

Title (en)
CUTTING TOOL HOLDING MECHANISM

Title (de)
SCHNEIDWERKZEUGHALTEVORRICHTUNG

Title (fr)
MÉCANISME DE MAINTIEN D'OUTIL DE COUPE

Publication
EP 3251809 B1 20190724 (EN)

Application
EP 17169514 A 20170504

Priority
TW 16208136 U 20160531

Abstract (en)
[origin: EP3251809A1] A cutting tool holding mechanism (100, 500) includes a base (200, 600), a handle (300, 700) and a locking assembly (400). The base (200, 600) includes an abutting portion (210, 610), a receiving groove (20, 220, 620), at least one limiting groove (230, 630) and at least one limiting hole (231, 631). The limiting hole (231, 631) is disposed at the base (200, 600) and communicated with the limiting groove (230, 630). The handle (300, 700) abutted against the base (200, 600) includes a sleeved portion (310, 710) and a plurality of positioning surfaces (301, 701). The locking assembly (400) includes a packing ring (410), a locking screw (420), a locking member (430) and a guiding bolt (440). The locking member (430) received inside the limiting groove (230, 630) includes a screwed hole (431) and a guiding groove (432). The guiding groove (432) disposed at one side of the locking member (430) and is aligned with the limiting hole (231, 631) when the locking member (430) is disposed inside the limiting groove (230, 630). The guiding bolt (440) is disposed in the limiting hole (231, 631) and is abutted against the guiding groove (432) to inhibit the locking member (430) from rotating.

IPC 8 full level
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