

Publication

EP 0742081 A3 19961120

Application

EP 96107284 A 19960508

Priority

IT MI950965 A 19950512

Abstract (en)

[origin: EP0742081A2] The grooves (6,7) are contained in the opposite flanges (4,5) of the body (2), the slides (14,15) working in them containing tapped holes (18,19). The driving spindle (21) is near the body bottom (3), and has a peripheral groove (25) between its threaded portions (26,27). Cylinders (35) with forked ends (36) are movable in and out of engagement with the groove, and work in bores (34) in the flanges in which they are lockable. The free ends of the flanges on the body form slide and supporting surfaces for the vice jaws (30,31), which are coupled to the slides.

IPC 1-7

B25B 1/10

IPC 8 full level

B25B 1/10 (2006.01); **B25B 1/18** (2006.01); **B25B 1/24** (2006.01)

CPC (source: EP)

B25B 1/103 (2013.01); **B25B 1/18** (2013.01); **B25B 1/2405** (2013.01); **B25B 1/2478** (2013.01); **B25B 1/2484** (2013.01)

Citation (search report)

- [Y] CH 307069 A 19550515 - SEIFERT PAUL [CH]
- [A] FR 592800 A 19250810
- [A] US 2881645 A 19590414 - KRUCHTEN EDWARD Q
- [A] DE 409938 C 19250214 - BRUNO FRIEDRICH
- [A] DE 461399 C 19280619 - FRANZ FUCHS MASCHF
- [A] AT 163246 B 19490610 - KLEIDORFER WILHELM
- [A] EP 0536067 A1 19930407 - GERARD GORSE EQUIPEMENTS DE MA [FR]
- [A] US 5098073 A 19920324 - LENZ JOHN O [US]
- [Y] SOVIET INVENTIONS ILLUSTRATED Section PQ Week 7920, Derwent World Patents Index; Class P62, AN 79-E4604B, XP002012839

Cited by

EP1946890A1; US11305402B2; EP1813389A3; DE102019110970B3; DE102006046863A1; EP2020276A1; DE10022228A1; DE102006018087A1; US2014131933A1; DE102007006078A1; DE102007006078B4; CN104384978A; US2021379675A1; DE102015014664B3; DE102017122112A1; DE10022227A1; EP0913235A1; EP1607183A3; DE102009039752B4; EP3851250A1; US2021220966A1; US11712785B2; DE102008019589A1; DE102007003673B3; EP3685963A1; JP2020116730A; US11298786B2; US6595508B2; DE202010006797U1; US10384331B2; US11667012B1; DE102017122112B4; WO2009127553A1; WO2004054757A3; WO2014049379A1; WO02100600A1; WO2016142284A1; US8020877B2; US9381621B2

Designated contracting state (EPC)

CH DE ES FR IT LI

DOCDB simple family (publication)

EP 0742081 A2 19961113; **EP 0742081 A3 19961120**; **EP 0742081 B1 19990915**; DE 59603037 D1 19991021; ES 2136343 T3 19991116; IT 1274487 B 19970717; IT MI950965 A0 19950512; IT MI950965 A1 19961112

DOCDB simple family (application)

EP 96107284 A 19960508; DE 59603037 T 19960508; ES 96107284 T 19960508; IT MI950965 A 19950512