

Title (en)
SCREW DRIVE MECHANISM AND VICE

Publication
EP 0354644 A3 19910320 (EN)

Application
EP 89305364 A 19890526

Priority
• CN 88104905 A 19880808
• CN 88106661 A 19880914

Abstract (en)
[origin: EP0354644A2] A screw drive mechanism, particularly suitable for a fast-clamping vice. A screw (20) for moving a movable body (22) relative to a stationary body (21) is engageable in threaded portions of holes (38) in arms (40) of a screw nut seat (19). A cam (17) is provided eccentrically of the screw (20) between the arms (40), and is rotatable to shift the axis of the screw (20) laterally into or out of engagement with the threads by a one-way pawl device (9, 58) which is keyable to rotate with the screw (20).

IPC 1-7
B25B 1/12

IPC 8 full level
B23Q 5/40 (2006.01); **B25B 1/12** (2006.01); **F16H 25/20** (2006.01)

CPC (source: EP)
B25B 1/125 (2013.01)

Citation (search report)
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Designated contracting state (EPC)
AT BE CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)
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DE 8907067 U 19890609; AU 3710189 A 19890627; BR 8903962 A 19890807; DE 68917047 T 19890526; EP 89305364 A 19890526; GB 8917443 A 19890731; JP 14426989 A 19890608; MX 1709189 A 19890807; MY PI19891072 A 19890808; NZ 22917789 A 19890517; SU 4614814 A 19890807; SU 4614814 D 19890807