

Title (en)
Screw drive mechanism and vice.

Title (de)
Schraubmechanismus und Schraubstock.

Title (fr)
Mécanisme de vissage et étau.

Publication
EP 0354644 A2 19900214 (EN)

Application
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Priority
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Abstract (en)
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).

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B23Q 5/40; **B25B 1/12**

IPC 8 full level
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CPC (source: EP)
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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