

Title (en)
RAPID ADVANCING AND RETRACTING MECHANISM FOR CLAMPING DEVICE

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EP 0066640 B1 19851016 (EN)

Application
EP 81104412 A 19810609

Priority
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Abstract (en)
[origin: EP0066640A1] Advancing and retracting mechanism for clamping means comprising a pair of split nuts (3, 3 min) resiliently retained in place inside a hollow cylindrical body (1) by spring means, which mechanism can either slidably hold a screw spindle (2) to rapidly push it to working position or retract it to dismount the workpiece when the threads (31, 31 min) of split nuts (3, 3 min) are not in mesh with the screw spindle (2) or offer a snug. Complete engagement between the split nuts (3, 3 min) and screw spindle (2) in which the load is equally distributed, thereby largely reducing the wear thereof, and allowing the device to be fabricated in relatively small size.

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IPC 8 full level
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CPC (source: EP)
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