

Title (en)
Precision vice for a machine tool

Title (de)
Präzisionsschraubstock für eine Werkzeugmaschine

Title (fr)
Etau de précision pour machine-outil

Publication
EP 1813389 A3 20090218 (DE)

Application
EP 07101143 A 20070125

Priority
AT 1182006 A 20060127

Abstract (en)
[origin: EP1813389A2] The device has a threaded casing for fine adjustment of clamping centre of the vice and supported around a common axis (A) in a precision carriage (9) in a rotatable manner. The casing has a threaded hole (11), and clamping units (20, 21, 22) are arranged in the carriage and are provided for coupling and decoupling the casing with the carriage in a fixed manner. The clamping units and the casing are formed in such a manner that the casing takes up a predetermined position in direction along the axis relative to the carriage through a fixed coupling.

IPC 8 full level
B25B 1/10 (2006.01)

CPC (source: EP)
B25B 1/103 (2013.01); **B25B 1/2484** (2013.01)

Citation (search report)

- [DA] EP 0411472 A1 19910206 - SAURER ALLMA GMBH [DE]
- [DA] EP 0742081 A2 19961113 - GERARDI SPA [IT]
- [A] DE 575658 C 19330502 - HERMANN MANTHEY

Cited by
DE102017122112A1; CN111070116A; DE102017122112B4

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
EP 1813389 A2 20070801; EP 1813389 A3 20090218; EP 1813389 B1 20100414; AT E464157 T1 20100415; DE 502007003434 D1 20100527

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