

Title (en)

Clamp drive, especially for machine vices.

Title (de)

Spannantrieb, insbesondere für Maschinenschraubstöcke.

Title (fr)

Commande de serrage, notamment pour étaux pour machines.

Publication

EP 0525501 B1 19950830 (DE)

Application

EP 92111938 A 19920714

Priority

DE 4125602 A 19910802

Abstract (en)

[origin: EP0525501A1] The clamp drive has a device for limiting the action of the power amplifier. Used for this purpose are a coupling sleeve (10) and an adjusting sleeve (14) which bear against one another with rising surfaces (15, 16). The adjusting sleeve (14) can be arranged in various positions on the polygonal section of the rotary spindle (5) by compression of the spring (13) so that the rising surfaces (15, 16) press the coupling sleeve (10) with the coupling elements (11) more or less to a considerable extent against the coupling elements (12). During the screwing motion of the rotary spindle (5) in the hollow spindle (1), the coupling elements (11, 12) come into contact with one another and limit the rotation of the rotary spindle (5). <IMAGE>

IPC 1-7

B25B 1/10

IPC 8 full level

B25B 1/10 (2006.01)

CPC (source: EP KR)

B25B 1/00 (2013.01 - KR); **B25B 1/106** (2013.01 - EP)

Cited by

EP0903201A3; EP1452273A1; EP1529600A1; ES2257129A1; DE19621754A1; DE19621754C2; ES2191502A1

Designated contracting state (EPC)

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EP 0525501 A1 19930203; EP 0525501 B1 19950830; DE 4125602 A1 19930204; DE 59203445 D1 19951005; JP H05192872 A 19930803; KR 100232620 B1 19991201; KR 930004036 A 19930322

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EP 92111938 A 19920714; DE 4125602 A 19910802; DE 59203445 T 19920714; JP 20378092 A 19920730; KR 920013871 A 19920801