

Title (en)  
Vice

Title (de)  
Spannstock

Title (fr)  
Etau

Publication  
**EP 0870579 B1 20020313 (DE)**

Application  
**EP 97106054 A 19970413**

Priority  
EP 97106054 A 19970413

Abstract (en)  
[origin: EP0870579A1] The two end jaws (1,3) are joined by a spindle (6) producing clamping force, and have a middle jaw (2) between them. The spindle moves longitudinally in relation to the middle jaw. A helical spring (12) encloses the shaft of the spindle so as to drive the spindle in relation to the middle jaw towards the front end jaw positioned on the drive side of the spindle. A sleeve (8) movable coaxially in relation to the spindle and axially transmits force from the helical spring to the middle jaw. At least one spring-loaded catch comprising an axially movable slide piece transmits force from the sleeve to the middle jaw.

IPC 1-7  
**B25B 1/10**

IPC 8 full level  
**B23Q 3/06** (2006.01); **B25B 1/10** (2006.01); **B25B 1/24** (2006.01)

CPC (source: EP KR US)  
**B25B 1/103** (2013.01 - EP KR US); **B25B 1/2478** (2013.01 - EP KR US)

Citation (examination)  
• US 5374040 A 19941220 - LIN PHILIP [TW]  
• US 5098073 A 19920324 - LENZ JOHN O [US]

Cited by  
CN103386662A

Designated contracting state (EPC)  
CH DE FR GB IT LI

DOCDB simple family (publication)  
**EP 0870579 A1 19981014**; **EP 0870579 B1 20020313**; DE 59706609 D1 20020418; JP H10328958 A 19981215; KR 19980081346 A 19981125; TW 453932 B 20010911; US 5975511 A 19991102

DOCDB simple family (application)  
**EP 97106054 A 19970413**; DE 59706609 T 19970413; JP 10120698 A 19980413; KR 19980013044 A 19980413; TW 87105533 A 19980413; US 92117497 A 19970829