

Title (en)
Vice

Title (de)
Spannstock

Title (fr)
Etau

Publication
EP 0870580 A1 19981014 (DE)

Application
EP 97106055 A 19970413

Priority
EP 97106055 A 19970413

Abstract (en)
The connection for the jaw holders is separate from the appliances producing clamping force and connects the movements of the jaw-holders so that the jaw-holders move in mirror-image formation in relation to a plane fixed in relation to the main body (7) of the holder. The connection has a swing-lever (24) swivelling on an axle at right angles to the clamping direction. The ends of the lever are each joined to a jaw-holder which can move in the clamping direction. A girder (23) acting as a connecting-rod is positioned between the ends of the lever and is linked to the lever and to the jaw-holder.

Abstract (de)
Die Flachspannhalterung besitzt zwei die Backen zum Einspannen des Werkstückes tragende Schieber welche gekoppelt sind um sich spiegelbildlich bezüglich einer zur Spannrichtung senkrechten Ebene zu bewegen. Dies verhindert ein Aufaddieren von einseitig wirkenden Fehlern in der Form des Werkstückes und der dieses bearbeitenden Werkzeugmaschine samt der darauf befestigten Halterung. <IMAGE>

IPC 1-7
B25B 1/10; **B23Q 3/08**

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 (search report)
• [X] DE 3919560 A1 19891221 - SPENGLER ERNST [CH]
• [X] US 3899162 A 19750812 - FISCHER HUGO J
• [X] PATENT ABSTRACTS OF JAPAN vol. 006, no. 106 (M - 213) 10 May 1983 (1983-05-10)

Cited by
CN109193264A; DE202004019369U1

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

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EP 0870580 A1 19981014; **EP 0870580 B1 20010228**; DE 59703056 D1 20010405; JP H10337624 A 19981222; KR 19980081347 A 19981125; TW 372899 B 19991101; US 5954320 A 19990921

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EP 97106055 A 19970413; DE 59703056 T 19970413; JP 10120798 A 19980413; KR 19980013045 A 19980413; TW 87105534 A 19980413; US 92117397 A 19970829