

Title (en)
Clamping device for workpieces.

Title (de)
Werkstückspannvorrichtung.

Title (fr)
Dispositif de serrage de pièces.

Publication
EP 0395889 B1 19940323 (DE)

Application
EP 90106198 A 19900330

Priority
DE 3911073 A 19890406

Abstract (en)
[origin: EP0395889A2] The device serves for clamping workpieces with a clamping head, arranged on a piston rod 11, or a clamping arm 20. The drive 1 possesses, on the output side, a threaded bolt 9 on which the piston rod 11 is arranged. In addition, the piston rod 11 is provided with a guide housing 8 and a means 18, 19 for securing its rotation is situated between the piston rod 11 and the guide housing 8. A carrier 13, 15 is furthermore arranged between the threaded bolt 9 and the piston rod 11. <IMAGE>

IPC 1-7
B25B 5/06; **B23Q 3/06**

IPC 8 full level
B23Q 3/02 (2006.01); **B23Q 3/06** (2006.01); **B25B 5/06** (2006.01)

CPC (source: EP)
B25B 5/06 (2013.01); **B25B 5/061** (2013.01); **B25B 5/062** (2013.01)

Cited by
CN109290828A; DE4430457A1; DE4430457C2; CN111246969A; KR20200075817A; EP3659745A4

Designated contracting state (EPC)
AT DE ES FR GB IT SE

DOCDB simple family (publication)
EP 0395889 A2 19901107; **EP 0395889 A3 19920304**; **EP 0395889 B1 19940323**; AT E103226 T1 19940415; DE 3911073 C1 19900726; DE 59005050 D1 19940428; JP H02292145 A 19901203

DOCDB simple family (application)
EP 90106198 A 19900330; AT 90106198 T 19900330; DE 3911073 A 19890406; DE 59005050 T 19900330; JP 8841290 A 19900404