Title (en)

Clamping device

Title (de)

Klemmeinrichtung

Title (fr)

Dispositif de serrage

Publication

EP 0875378 B1 20000719 (DE)

Application

EP 98106692 A 19980411

Priority

DE 19718234 A 19970430

Abstract (en)

[origin: EP0875378A1] The two-part clamp has the one part fixed to the cylinder and the other part movably mounted in at least the radial direction of the cylinder. An actuator opens and clamps and is positioned on the movable top or bottom part (2,3). Components transmit clamping force onto the movable top or bottom part. At least one component in the form of a shaft (7) possesses sprung elasticity effective when clamping force builds up. The shaft is supported on bearings (6) between each pair of which is at least one cam co-operating with a roller.

IPC 1-7 (main, further and additional classification)

B41F 27/12

IPC 8 full level (invention and additional information)

B41F 27/12 (2006.01)

CPC (invention and additional information)

B41F 27/1231 (2013.01)

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI NL SE

DOCDB simple family

EP 0875378 A1 19981104; EP 0875378 B1 20000719; EP 0875378 B2 20030910; AT 194801 T 20000815; DE 19816995 A1 19981105; DE 19816995 B4 20080911; DE 19816996 A1 19981105; JP 2975002 B2 19991110; JP H10305561 A 19981117