

Title (en)
DEVICE FOR CLAMPING OR TENSIONING

Title (de)
VORRICHTUNG ZUM KLEMMEN UND/ODER SPANNEN

Title (fr)
DISPOSITIF POUR BLOQUER ET/OU SERRER

Publication
EP 1282518 B1 20080430 (DE)

Application
EP 01943075 A 20010515

Priority
• DE 0101832 W 20010515
• DE 10024331 A 20000517

Abstract (en)
[origin: WO0187612A1] Rotatable shafts that are configured as profiled shafts or as spindles provided with cams or pressure pieces are used to actuate devices for retaining and/or tensioning in cylinders, especially in cylinders or printing machines. Such shafts require in addition to a device for actuating the clamping and/or tensioning device also a locking device for securing them against unintentionally twisting or releasing them and for the defined adjustment of their position. The aim of the invention is therefor to provide a single means for clamping or tensioning as well as locking the shaft. To this end, the device can be swiveled in the peripheral direction of the shaft for tensioning/clamping it, and about an axis that is substantially perpendicular to the swivel axis of the shaft for locking the shaft. For adjusting and fixing a defined position of the shaft (04) and for locking it with respect to its direction of swiveling a pawl (21) interacts with a pair of stops (24,26) in the locking position (A).

IPC 8 full level
B41F 27/12 (2006.01)

CPC (source: EP US)
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Cited by
EP3028858A1; US9701108B2

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WO 0187612 A1 20011122; AT E393704 T1 20080515; AU 6578401 A 20011126; DE 10024331 A1 20011122; DE 10024331 B4 20050818; DE 50113912 D1 20080612; EP 1282518 A1 20030212; EP 1282518 B1 20080430; US 2003154873 A1 20030821; US 6694878 B2 20040224

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