

Title (en)
DEVICE FOR REGULATING CYLINDERS IN A PRINTING MACHINE

Title (de)
VORRICHTUNG ZUM EINSTELLEN VON WALZEN IN EINER DRUCKMASCHINE

Title (fr)
DISPOSITIFS DE REGLAGE DE ROULEAUX DANS UNE MACHINE A IMPRIMER

Publication
EP 1461208 B1 20060301 (DE)

Application
EP 02804558 A 20020921

Priority

- DE 0203573 W 20020921
- DE 10160044 A 20011206

Abstract (en)
[origin: WO03049947A2] The invention relates to methods for detecting the force exerted by actuators and to devices for optimally using said forces to regulate a pressure force exerted by at least one cylinder upon another cylinder in a printing machine and/or to place/remove at least one of said cylinders, wherein the first cylinder is mounted in a cylinder holder which is in turn mounted in a frame holder, wherein at least two actuators are arranged between the cylinder holder and the frame holder, said actuators exerting a radial force upon the cylinder holder when actuated by a control signal.

IPC 8 full level
B41F 7/40 (2006.01); **B41F 13/20** (2006.01); **B41F 13/34** (2006.01); **B41F 13/36** (2006.01); **B41F 13/40** (2006.01); **B41F 31/30** (2006.01); **B41F 31/36** (2006.01); **B41F 33/10** (2006.01)

CPC (source: EP US)
B41F 7/40 (2013.01 - EP US); **B41F 13/20** (2013.01 - EP US); **B41F 13/34** (2013.01 - EP US); **B41F 13/36** (2013.01 - EP US); **B41F 13/40** (2013.01 - EP US); **B41F 31/301** (2013.01 - EP US); **B41F 31/36** (2013.01 - EP US)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)
WO 03049947 A2 20030619; WO 03049947 A3 20031009; AT E318707 T1 20060315; AT E342801 T1 20061115; AT E423001 T1 20090315; AT E435115 T1 20090715; AU 2002349270 A1 20030623; AU 2002349270 A8 20030623; AU 2002366534 A1 20030623; AU 2002366534 A8 20030623; AU 2002366535 A1 20030623; AU 2002366535 A8 20030623; CN 100509390 C 20090708; CN 1330481 C 20070808; CN 1617799 A 20050518; CN 1982055 A 20070620; DE 10244042 A1 20030626; DE 10244042 B4 20070201; DE 10244043 A1 20030626; DE 10244043 B4 20050721; DE 10244044 A1 20030626; DE 10244044 B4 20051006; DE 50205974 D1 20060427; DE 50208517 D1 20061130; DE 50213302 D1 20090402; DE 50213656 D1 20090813; EP 1459889 A2 20040922; EP 1459889 A3 20060412; EP 1461207 A2 20040929; EP 1461207 B1 20061018; EP 1461208 A2 20040929; EP 1461208 B1 20060301; EP 1465771 A2 20041013; EP 1465771 B1 20090218; EP 1468824 A2 20041020; EP 1468824 A3 20060412; EP 1468824 B1 20090701; ES 2257599 T3 20060801; JP 2005511357 A 20050428; JP 4068063 B2 20080326; US 2005076800 A1 20050414; US 2005223924 A1 20051013; US 7117792 B2 20061010; US 7124683 B2 20061024; WO 03049946 A2 20030619; WO 03049946 A3 20031030; WO 03049946 B1 20031211; WO 03049948 A2 20030619; WO 03049948 A3 20031211

DOCDB simple family (application)
DE 0203574 W 20020921; AT 02781108 T 20020921; AT 02804557 T 20020921; AT 02804558 T 20020921; AT 04102477 T 20020921; AU 2002349270 A 20020921; AU 2002366534 A 20020921; AU 2002366535 A 20020921; CN 02827576 A 20020921; CN 200610172355 A 20020921; DE 0203572 W 20020921; DE 0203573 W 20020921; DE 10244042 A 20020921; DE 10244043 A 20020921; DE 10244044 A 20020921; DE 50205974 T 20020921; DE 50208517 T 20020921; DE 50213302 T 20020921; DE 50213656 T 20020921; EP 02781108 A 20020921; EP 02804557 A 20020921; EP 02804558 A 20020921; EP 04102477 A 20020921; EP 04102481 A 20020921; ES 02804558 T 20020921; JP 2003550985 A 20020921; US 49631804 A 20040604; US 49631904 A 20040604