

Title (en)
Device for supporting a pressurised cylinder

Title (de)
Vorrichtung zum Stützen einer druckbelasteten Walze

Title (fr)
Dispositif pour l'étalement d'un cylindre sous pression

Publication
EP 0468266 B1 19960117 (DE)

Application
EP 91111333 A 19910708

Priority
DE 4023944 A 19900727

Abstract (en)
[origin: EP0468266A2] A device for supporting a pressure-loaded cylinder consists of back-up rollers and/or supporting rollers which are mounted in a frame and supported on said cylinder. To obtain a substantially equal pressure distribution over the length of the pressure-loaded cylinder, two supporting rollers (6, 21) are mounted at a distance from one another on a roller carrier (4[216D], 5[216D], 23[216C]) which is mounted in the manner of a balance beam in the middle between the supporting rollers (6, 21) about a swivel axis (4[216C], 5[216C]) at right angles to the axis of rotation of the supporting rollers on a carrier which is fixed to the frame or is held fixed to the frame. <IMAGE>

IPC 1-7
B30B 3/00; **F16C 13/00**; **G03F 3/10**

IPC 8 full level
B41F 13/18 (2006.01); **B30B 3/00** (2006.01); **B41F 13/20** (2006.01); **B41F 13/24** (2006.01); **B41F 13/26** (2006.01); **B41F 16/00** (2006.01); **B41J 29/00** (2006.01); **F16C 13/00** (2006.01); **G03F 3/10** (2006.01); **G03F 7/34** (2006.01)

CPC (source: EP KR US)
B30B 3/00 (2013.01 - EP US); **B41F 9/02** (2013.01 - KR); **B41F 13/26** (2013.01 - EP US); **Y10T 156/1705** (2015.01 - EP US)

Designated contracting state (EPC)
DE FR GB IT NL

DOCDB simple family (publication)
EP 0468266 A2 19920129; **EP 0468266 A3 19920617**; **EP 0468266 B1 19960117**; CA 2047851 A1 19920128; DE 4023944 A1 19920130; DE 59107272 D1 19960229; JP 2708292 B2 19980204; JP H05169620 A 19930709; KR 920002334 A 19920228; KR 960003328 B1 19960308; US 5282415 A 19940201

DOCDB simple family (application)
EP 91111333 A 19910708; CA 2047851 A 19910725; DE 4023944 A 19900727; DE 59107272 T 19910708; JP 18642191 A 19910725; KR 910012614 A 19910723; US 73552991 A 19910726