

Title (en)

Press for a paper machine or the like

Title (de)

Pressvorrichtung für eine Papiermaschine oder dergleichen

Title (fr)

Presse pour une machine à papier ou similaire

Publication

EP 0737776 B1 19981014 (DE)

Application

EP 96101384 A 19960201

Priority

DE 19514142 A 19950415

Abstract (en)

[origin: US5662777A] A shoe press roll for a press device for a paper machine. The roll includes a stationary support. A press shoe supported on the support in a radially displaceable manner. A plurality of hydraulic elements in the support and arrayed along the length of the press shoe across the width of the web to urge the press shoe against the backing roll. A plurality of return springs connected between the support and the leading and trailing sides of the press shoe, the springs being located outside the hydraulic elements at the press shoe. The return springs are compression springs fastened by struts on the lateral sides of the press shoe which involves a simple mounting for enabling separable attachment of the tie rods of the spring and the lateral sides of the press shoe.

IPC 1-7

D21F 3/02

IPC 8 full level

F15B 15/14 (2006.01); **D21F 3/02** (2006.01); **D21F 3/08** (2006.01); **F15B 11/15** (2006.01)

CPC (source: EP US)

D21F 3/0218 (2013.01 - EP US)

Cited by

WO2005080675A1; WO2005080674A1; EP2278066A2; DE102009033933A1

Designated contracting state (EPC)

AT IT SE

DOCDB simple family (publication)

US 5662777 A 19970902; AT E172259 T1 19981015; CA 2173778 A1 19961016; CA 2173778 C 20070807; DE 19514142 C1 19960711; EP 0737776 A1 19961016; EP 0737776 B1 19981014; FI 113067 B 20040227; FI 960906 A0 19960227; FI 960906 A 19961016; JP 3795566 B2 20060712; JP H08291492 A 19961105

DOCDB simple family (application)

US 62847096 A 19960405; AT 96101384 T 19960201; CA 2173778 A 19960410; DE 19514142 A 19950415; EP 96101384 A 19960201; FI 960906 A 19960227; JP 3691596 A 19960223