

Title (en)
SHOE PRESS

Title (de)
SCHUHPRESSE

Title (fr)
PRESSE A SABOT

Publication
EP 1198639 A1 20020424 (EN)

Application
EP 00919105 A 20000504

Priority
• IB 0000574 W 20000504
• SE 9901636 A 19990506
• US 16033399 P 19991019

Abstract (en)
[origin: WO0068497A1] A shoe press for a paper or board machine, comprising a press shoe (1) and a counter roll (2), which between them form an extended nip (N) for a paper or cardboard web and circulated flexible belt (3), at least one loading cylinder (6) which is arranged between a horizontal beam (4) included in the frame system (4, 5) of the shoe press, and the press shoe (1) and adapted to press the press shoe towards the counter roll (2). The cylinder (7) or piston (8) of the loading cylinder is turnably mounted about an axis (C) in relation to which the axis (C1) which forms an axis of symmetry for the working chamber (8') of the loading cylinder is eccentric, and that the shoe press has operating means (18, 18'; 42, 42', A) for turning the cylinder or piston of the loading cylinder for controlling the pressure profile of the shoe press, said operating means comprising an actuating member (A) extending outside the belt (3).

IPC 1-7
D21F 3/02

IPC 8 full level
D21F 3/02 (2006.01)

CPC (source: EP)
D21F 3/0218 (2013.01)

Citation (search report)
See references of WO 0068497A1

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

DOCDB simple family (publication)
WO 0068497 A1 20001116; AT E279575 T1 20041015; DE 60014908 D1 20041118; DE 60014908 T2 20051020; EP 1198639 A1 20020424; EP 1198639 B1 20041013

DOCDB simple family (application)
IB 0000574 W 20000504; AT 00919105 T 20000504; DE 60014908 T 20000504; EP 00919105 A 20000504