

Title (en)
LOADING CYLINDER UNIT AND SHOE PRESS WITH LOADING CYLINDER

Title (de)
ANDRUCKZYLINDER UND SCHUHPRESSE MIT ANDRUCKZYLINDER

Title (fr)
VERIN DE CHARGE ET PRESSE A SABOT AVEC VERIN DE CHARGE

Publication
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Application
EP 98946771 A 19980930

Priority

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- SE 9704236 A 19971119

Abstract (en)
[origin: WO9916969A1] A shoe press for a paper or board machine, comprising a press shoe (1) and a counter roll (2), which between themselves form an extended nip (N) for a paper or cardboard web and a circulated flexible belt (3), a plurality of hydraulic loading cylinders (6) which are arranged between a horizontal beam (4) included in the frame system (5) of the shoe press and the press shoe (1) and adapted to press the press shoe against the counter roll, the pistons (8) of the loading cylinders being fixedly connected to the horizontal beam (4), the respective working chambers (10) of the loading cylinders being, for hydraulic fluid supply of the loading cylinders, connected by means of a vertical duct (11) formed in the piston (8) of the loading cylinder to a horizontal feeding duct (9) which extends in the cross-direction of the machine and which is common to all working chambers (10). The horizontal feeding duct (9) extends through the pistons (8) of the loading cylinders. In a loading cylinder unit, the horizontal feeding duct (9) is formed in a bar (14), which constitutes the ends of the pistons (8) of the loading cylinders or detachably connects said pistons.

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