

Title (en)

PRESS DEVICE HAVING AN EXTENDED PRESS NIP FOR PRESSING A TRAVELING PAPER OR BOARD WEB

Title (de)

PRESSVORRICHTUNG MIT VERLÄNGERTER PRESSZONE ZUM PRESSEN EINER LAUFENDEN PAPIER- ODER KARTONBAHN

Title (fr)

PRESSE A PINCE ALLONGEE POUR PRESSER UNE BANDE DE PAPIER OU DE CARTON EN MOUVEMENT

Publication

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Application

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Abstract (en)

[origin: WO0142559A9] A press device having an extended nip comprising a press shoe (101) aligned across the machine direction (MD) and a support (105) which supports the press shoe via a plurality of loading cylinders (106) along the press shoe (101) in order to enable application of pressure on the web during the pressing. The loading cylinders (106) comprise a first cylinder member (107) attached to or integrated in the press shoe (101), and a second cylinder member (109) attached to or integrated in the support (105). The cylinder members (107, 109) are slidably connected by a connecting member (111), wherein the connecting member (111) and the first cylinder member (107) are movable in relation to each other with a first length of stroke (L1), while the connecting member (111) and the second cylinder member (109) are movable in relation to each other with a second length of stroke (L2), and the connecting member has a third length (L3). Thereby, the first length of stroke (L1) is smaller than the second length (L2) of stroke. The shoe press device can particularly advantageously be utilised for wet-pressing or calendering of paper or paperboard webs.

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