

Title (en)

Improved frame construction and method in a paper machine press section for facilitating replacement of press rolls and fabrics.

Title (de)

Verfahren und Chassis in einer Presspartie einer Papiermaschine zum Erleichtern der Auswechslung von Presswalzen und Filzen.

Title (fr)

Procédé et châssis dans une section de presse d'une machine à papier pour faciliter le remplacement des rouleaux et des feutres.

Publication

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Application

EP 86850405 A 19861126

Priority

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- FI 854959 A 19851213

Abstract (en)

A frame construction and method in a paper machine press section having a compact press roll combination (13, 16, 21, 31) forming at least two press nips (NÉ, NĚ, NĚ) through which a paper web (W) runs, the frame construction and method facilitating the removal and replacement of the fabrics and/or press rolls. The frame construction includes a front frame (50) situated before the press roll combination and a rear frame (70) separate from the front frame situated after the roll combination. The space above the roll combination and between the front and rear frames is opened or openable by pivoting an intermediate frame (60) situated above the roll combination into an open position. The replacement of fabrics and press rolls are carried out by utilizing the open space obtained by pivoting the intermediate frame. The intermediate frame comprises two separate frame parts, namely, a front intermediate frame (60a) which is pivoted around horizontal articulated joints (62a) attached to the front frame (50), and a rear intermediate frame (60b) is pivoted around horizontal articulated joints (62b) attached to the rear frame (70). The intermediate frame is closed by coupling the outer parts thereof to a stationary intermediate frame (60c) part mounted, for example, on the bearing housings of the center roll (16) of the press.

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