

Title (en)

Method and device for dewatering of a paper web by pressing

Title (de)

Verfahren und Vorrichtung zur Entwässerung einer Papierbahn durch Pressen

Title (fr)

Procédure et dispositif pour drainage d'une bande de papier par pressage

Publication

EP 0770727 A1 19970502 (EN)

Application

EP 96120948 A 19911122

Priority

- EP 91850291 A 19911122
- FI 905798 A 19901123

Abstract (en)

Method and device in the manufacture of paper or board for dewatering of the paper web (W) that is being manufactured. The paper web (W) is transferred from the forming wire (10) onto the wire (80) in the drying section while constantly on support of a fabric that receives water, a transfer fabric, or of any other, corresponding transfer surface (105') as a closed draw, at a particularly high speed, which is, as a rule, higher than about 25...30 m/s. Dewatering of the paper web (W) is carried out by means of two subsequent extended press nips (NP1, NP2), whose length (z) in the machine direction is larger than $z >$ about 100 mm. After the first extended press nip (NP1), through which the web is passed between two fabrics (20, 30) the web is transferred by means of a suction roll (40) to a single upper fabric (40) passing through the second extended nip (NP2), which has a smooth faced counter roll (105) in a lower position. <IMAGE>

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D21F 3/04

IPC 8 full level

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CPC (source: EP)

D21F 3/0218 (2013.01); **D21F 3/04** (2013.01); **D21F 3/045** (2013.01)

Citation (applicant)

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- US 4526655 A 19850702 - KARVINEN MIKKO [FI], et al
- US 4561939 A 19851231 - JUSTUS EDGAR J [US]
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Citation (search report)

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