

Title (en)

PAPER MACHINE AND METHOD FOR PRODUCING A PAPER OR PAPERBOARD WEB

Title (de)

PAPIERMASCHINE UND VERFAHREN ZUR HERSTELLUNG EINER PAPIER- ODER KARTONBAHN

Title (fr)

MACHINE À PAPIER ET PROCÉDÉ POUR LA FABRICATION D'UNE BANDE DE PAPIER OU DE CARTON

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Application

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Abstract (en)

[origin: WO2020035318A1] The invention relates to a paper machine for producing a paper or paperboard web (1) comprising a headbox (2), a shaper (3) for sheet formation, a press section for dewatering and a drying section for drying the web (1), wherein the web (1) is guided within the press section by at least two press nips, and runs together on both sides with an endlessly circulating, water absorbing dewatering belt (4, 5) through the first press nip and together with only one dewatering belt (6) through the last press nip. According to the invention, secure operation even at machine speeds of over 1,000 m/min is enabled in that, after the first press nip, the lower dewatering belt (5) thereof is guided away from the web (1), the opposite, upper dewatering belt (4) transfers the web (1) to a lower dewatering belt (6) of the second and last press nip and said second press nip is formed in an extended manner.

IPC 8 full level

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