

Title (en)

Belt assembly and paper- or board making machine comprising the belt assembly

Title (de)

Bandanordnung und Papier- bzw. Kartonherstellungsmaschine mit der Bandanordnung

Title (fr)

Ensemble courroie et machine pour la fabrication de papier ou de carton comprenant l'ensemble courroie

Publication

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Application

EP 08172288 A 20081219

Priority

- EP 07150345 A 20071221
- EP 08172288 A 20081219

Abstract (en)

A belt assembly for moving a web from a press section (1) of a paper- or board-making machine to a dryer section (3) of the machine, comprises a combination of a first press roll (11) adapted to be arranged at the press section (1), and a stretcher/guiding roll (51) which is arranged between the press section (1) and the dryer section (3). A heat conductive metal belt (5) that forms an endless loop and that is impervious to fluids goes over the first press roll (11) and the stretcher/guiding roll (51), so as to take over a web at the press section (1) and to move the web to the dryer section (3). A guide roll proportional position control is adapted to control the position of the metal belt (5) between the edges of the stretcher/guiding roll (51).

IPC 8 full level

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Citation (search report)

- [Y] DE 102004060478 A1 20060629 - VOITH PAPER PATENT GMBH [DE]
- [Y] DE 10116840 A1 20021017 - VOITH PAPER PATENT GMBH [DE]
- [Y] DE 10239337 A1 20030320 - METSO PAPER INC [FI]

Cited by

CN104654760A; US10280562B2

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EP 2063021 A1 20090527; **EP 2063021 B1 20110907**; AT E523630 T1 20110915; CN 101463576 A 20090624; CN 101463576 B 20120328; EP 2072673 A1 20090624; EP 2072673 B1 20150708; EP 2369053 A1 20110928; EP 2369053 B1 20150429

DOCDB simple family (application)

EP 07150345 A 20071221; AT 07150345 T 20071221; CN 200810185356 A 20081222; EP 08172288 A 20081219; EP 11170661 A 20071221