

Title (en)

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

Title (de)

Gurtanordnung und Papier- bzw. Kartonmaschine mit dieser Gurtanordnung

Title (fr)

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

Publication

EP 2063021 A1 20090527 (EN)

Application

EP 07150345 A 20071221

Priority

EP 07150345 A 20071221

Abstract (en)

Disclosed is a belt assembly for moving a web from a press section of a paper- or board making machine to a dryer section of the machine comprises a combination of at least two of a first press roll (11) adapted to be arranged at the press section, a first dryer cylinder (31) adapted to be arranged at the dryer section, and a stretcher/guiding roll (51), which is arranged between or within the press section and/or the dryer section. A heat conductive metal belt (5) that forms an endless loop and that is impervious to fluids goes over the first press roll and/or the first dryer cylinder and/or the stretcher/guiding roll in order to take over a web at the press section and to move the web to the dryer section.

IPC 8 full level

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CPC (source: EP)

D21F 2/00 (2013.01); **D21F 3/00** (2013.01); **D21F 3/04** (2013.01); **D21F 5/004** (2013.01); **D21F 5/04** (2013.01); **D21F 5/18** (2013.01); **D21F 7/005** (2013.01); **D21G 1/0066** (2013.01); **D21G 1/0093** (2013.01)

Citation (applicant)

- DE 19619530 A1 19971120 - VOITH SULZER PAPIERMASCH GMBH [DE]
- DE 102004060478 A1 20060629 - VOITH PAPER PATENT GMBH [DE]
- DE 10116840 A1 20021017 - VOITH PAPER PATENT GMBH [DE]

Citation (search report)

- [X] DE 19619530 A1 19971120 - VOITH SULZER PAPIERMASCH GMBH [DE]
- [X] DE 102004060478 A1 20060629 - VOITH PAPER PATENT GMBH [DE]
- [X] DE 10116840 A1 20021017 - VOITH PAPER PATENT GMBH [DE]
- [E] WO 2008000885 A1 20080103 - METSO PAPER INC [FI], et al
- [A] US 3185256 A 19650525 - SCHILLING HUGH K

Cited by

EP2369053A1; EP2722436A1; EP2722434A1; DE102011002847A1; DE202012013544U1; WO2019239012A1; WO2018065668A1; EP3656915A1; US10954632B2; US11585047B2

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DOCDB simple family (publication)

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DOCDB simple family (application)

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