

Title (en)

BELT ASSEMBLY FOR MOVING A WEB FROM A PRESS SECTION OF A PAPER- OR BOARD-MAKING MACHINE TO A DRYER SECTION OF THE MACHINE

Title (de)

BANDANORDNUNG ZUM TRANSPORT EINER BAHN VON EINEM PRESSENABSCHNITT EINER PAPIER- ODER KARTONHERSTELLUNGSMASCHINE AN EINEN TROCKNERABSCHNITT DER MASCHINE

Title (fr)

ENSEMBLE DE COURROIE DESTINÉ À DÉPLACER UNE BANDE À PARTIR D'UNE SECTION DE PRESSE D'UNE MACHINE DE FABRICATION DE PAPIER OU CARTON VERS UNE SECTION DE SÉCHAGE DE LA MACHINE

Publication

EP 2722434 A1 20140423 (EN)

Application

EP 12189018 A 20121018

Priority

EP 12189018 A 20121018

Abstract (en)

The present invention relates to 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. The belt assembly comprises a first press roll (10) and a second press roll (11) which are arranged at the press section and form a press nip, a drying roll (12) which is heatable and arranged downstream of the press nip in the web moving direction, and a heat conductive belt (20) which forms an endless loop and which is impervious to fluids runs through the press nip and contacts the drying roll (12), wherein the drying roll (12) and the heat conductive belt (20) form a nip which is extended in the web moving direction and in which the web (W) is sandwiched between the drying roll (12) and the heat conductive belt (20) such that the web is simultaneously in contact with the drying roll (12) and the heat conductive belt (20). Further, a method for moving the web from the press section of the paper- or board-making machine to the dryer section of the machine is provided.

IPC 8 full level

D21F 2/00 (2006.01); **D21F 3/02** (2006.01); **D21F 3/04** (2006.01); **D21F 5/00** (2006.01); **D21F 5/02** (2006.01); **D21F 5/18** (2006.01)

CPC (source: EP)

D21F 2/00 (2013.01); **D21F 3/0209** (2013.01); **D21F 3/04** (2013.01); **D21F 5/004** (2013.01); **D21F 5/02** (2013.01); **D21F 5/18** (2013.01)

Citation (search report)

- [X] DE 102012202535 A1 20120823 - METSO PAPER INC [FI]
- [A] WO 2008000885 A1 20080103 - METSO PAPER INC [FI], et al
- [A] EP 2063021 A1 20090527 - METSO PAPER INC [FI]

Cited by

EP3656915A1; WO2018065668A1; CN110016828A; US10280562B2; CN110036153A; WO2019239012A1; US10954632B2; US11585047B2

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2722434 A1 20140423; EP 2722434 B1 20180103

DOCDB simple family (application)

EP 12189018 A 20121018