

Title (en)
Belt assembly

Title (de)
Bandanordnung

Title (fr)
Ensemble de courroie

Publication
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Application
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Abstract (en)
The invention pertains to a belt assembly adapted to move 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 combination of a first (11) and a second press roll (15) forming a first press nip, a third press (13) roll forming a second press nip with the first press roll (11), one or more stretcher/guiding rolls (19, 17) to be arranged between the press section and the dryer section. A heat conductive metal belt (21) that forms an endless loop and that is impervious to fluids passes through the first press nip and over the first press roll (11), through the second press nip and over the one or more stretcher/guiding rolls (19, 17). One of the one or more stretcher/guiding rolls (17) is arranged in close proximity of the second press roll (15) such that a portion (21a) of the metal belt (21) wraps a circumferential portion of the second press roll (15) thereby extending the first press nip by means of the wrapped metal belt (21a), thus, forming a metal belt tension nip.

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Citation (search report)
[X] WO 2009129842 A1 20091029 - METSO PAPER INC [FI], et al

Cited by
WO2016042198A1; US10280562B2

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