

Title (en)
Coating assembly

Title (de)
Beschichtungsanordnung

Title (fr)
Agencement de revêtement

Publication
EP 2159320 A1 20100303 (DE)

Application
EP 09158487 A 20090422

Priority
DE 102008041520 A 20080825

Abstract (en)

The device comprises a continuously running carrier band (2), which supports fibrous material web (1) during coating of the sides of the fibrous material web. The carrier band is porous and is formed as a sieve. The press section comprises a press gap through which the fibrous material web runs together with a water-absorbent dewatering belt (11, 12). The carrier web is not guided through the press gap. The carrier web passes the fibrous material web after coating, on a drying device (6) arranged on the coated side. The drying device is operated based on the infrared radiation and/or hot air. The device comprises a continuously running carrier band (2), which supports fibrous material web (1) during coating of the sides of the fibrous material web. The carrier band is porous and is formed as a sieve. The press section comprises a press gap through which the fibrous material web runs together with a water-absorbent dewatering belt (11, 12). The carrier web is not guided through the press gap. The carrier web passes the fibrous material web after coating, on a drying device (6) arranged on the coated side. The drying device is operated based on the infrared radiation and/or hot air. The carrier band passes the fibrous material web after the coating, to an adjacent band. The carrier band and the absorption band entangle a roller during the absorption. The absorption band is formed as transfer band or drying sieve (14) of a following drying group for drying the fibrous material web. The absorption band is formed as carrier band, which supports the fibrous material web during the subsequent coating of the second side of the fibrous material web. The coating is applied directly by nozzles or rollers carrying a coating agent. The side of the fibrous material web to be coated is subjected with a cover sieve, which is guided away from the fibrous material web after the coating. The coating of the fibrous material web is smoothed by stripper, which takes away the excessive coating agent.

Abstract (de)

Die Erfindung betrifft eine Anordnung zum Beschichten einer Papier-, Karton- oder einer anderen Faserstoffbahn (1) nach einer Pressenpartie zur Entwässerung der Faserstoffbahn (1) in einer Maschine zur Herstellung derselben. Dies soll dadurch ermöglicht werden, dass sich die Faserstoffbahn (1) während der Beschichtung einer Seite mit der gegenüberliegenden Seite auf einem endlos umlaufenden Tragband (2) abstützt.

IPC 8 full level
D21G 9/00 (2006.01); **D21H 23/28** (2006.01)

CPC (source: EP)
D21G 9/009 (2013.01); **D21H 23/26** (2013.01)

Citation (search report)

- [XY] DE 102004036276 A1 20060216 - VOITH PAPER PATENT GMBH [DE]
- [Y] DE 10012344 A1 20010920 - VOITH PAPER PATENT GMBH [DE]

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