

Title (en)

Method and device for coiling a strip of material up into a roll of material

Title (de)

Verfahren und Vorrichtung zum Aufwickeln einer Materialbahn zu einer Materialbahnrolle

Title (fr)

Procédé et dispositif destinés à enrouler une bande de matériau en un rouleau de bande de matériau

Publication

EP 2055658 A3 20110105 (DE)

Application

EP 08165559 A 20081001

Priority

DE 102007000585 A 20071029

Abstract (en)

[origin: EP2055658A2] The method involves changeably winding a material web (2) on a material web roller (3) in a latitudinal direction, where the material web roller stays in contact with a rewinding roller (4). A signal characteristics about the width of the material web is determined, where the signal characteristics is proportional to the thickness of the material web. The changing movement between the material web and the material web roller is controlled based on the signal characteristics. A pressure pattern in a nip (6) between the material web roller and the rewinding roller is determined. An independent claim is also included for a material web winding device comprising a transverse drive.

IPC 8 full level

B65H 23/02 (2006.01); **B65H 18/16** (2006.01)

CPC (source: EP)

B65H 18/16 (2013.01); **B65H 2301/414322** (2013.01); **B65H 2408/236** (2013.01); **B65H 2511/13** (2013.01); **B65H 2515/34** (2013.01); **B65H 2557/242** (2013.01)

Citation (search report)

- [XII] WO 0026131 A1 20000511 - VALMET CORP [FI], et al
- [XII] WO 2005100218 A1 20051027 - METSO PAPER INC [FI], et al
- [XII] DE 19939506 A1 20010222 - VOITH PAPER PATENT GMBH [DE]

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CN102971242A; IT201900002493A1; WO2020170141A1

Designated contracting state (EPC)

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

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

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