Title (en)

Method for setting web tension in a processing machine

Title (de)

Verfahren zur Bahnspannungseinstellung bei einer Bearbeitungsmaschine

Title (fr)

Procédé de réglage de la tension d'une bande dans une machine de traitement

Publication

EP 2065324 A3 20101103 (DE)

Application

EP 08016517 A 20080919

Priority

DE 102007053527 A 20071109

Abstract (en)

[origin: EP2065324A2] The method involves subdividing continuous material e.g. paper (101), into two web-tension sections and limiting one of the sections by two clamping points (110-115). Web tension in the sections is adjusted via angular displacement, rate feedback and/or limitation of a driving torque of one of the points that limits the sections when the material is in standstill condition. The web tension in the sections is ascertained using measuring elements via driving torque of one of the points that limits the sections via operators. The material is clamped between points. Independent claims are also included for the following: (1) a computer program with program code unit for carrying out a method for adjusting web tension of a processing machine (2) a computer program product with a program code unit stored on a computer-readable data storage device for carrying out a method for adjusting web tension of a processing machine.

IPC 8 full level

B65H 23/18 (2006.01); **B65H 23/04** (2006.01)

CPC (source: EP US)

B65H 23/1888 (2013.01 - EP US); B65H 2515/31 (2013.01 - EP US); B65H 2801/21 (2013.01 - EP US)

Citation (search report)

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- [XI] US 2005263557 A1 20051201 - GRETSCH HARALD K [DE], et al
- [XI] DE 10137258 A1 20030227 - KOENIG & BAUER AG [DE]

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WO2010049030A3

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)

EP 2065324 A2 20090603; **EP 2065324 A3 20101103**; CN 101428719 A 20090513; CN 101428719 B 20120718; DE 102007053527 A1 20090514; US 2009120990 A1 20090514

DOCDB simple family (application)

EP 08016517 A 20080919; CN 200810174463 A 20081107; DE 102007053527 A 20071109; US 26546708 A 20081105