

Title (en)

Method and device for controlling a tension in a running web in a web processing device

Title (de)

Verfahren und eine Vorrichtung zum Regeln einer Bahnspannung einer laufenden Bahn in einer bahnverarbeitenden Vorrichtung

Title (fr)

Méthode et dispositif pour le contrôle d'une tension d'une bande en mouvement d'une machine de traitement de bande

Publication

EP 1726548 A1 20061129 (DE)

Application

EP 06113905 A 20060515

Priority

DE 102005024283 A 20050527

Abstract (en)

Method for controlling the tension of a web (08) in a web-processing device (01) comprises controlling the tension of the web between a traction mechanism (04) and a holder (14) whilst periodically varying a parameter representing the web tension and changing the transport speed of the traction mechanism and holder so that the parameter of the periodic variation decreases. An independent claim is also included for a device for controlling the tension of a web in a web-processing device. Preferred Features: The transport speeds are changed relative to each other when the parameter of the periodic variation of its amplitude exceeds a determined limiting value.

IPC 8 full level

B65H 23/188 (2006.01); **B65H 45/08** (2006.01)

CPC (source: EP)

B65H 23/1888 (2013.01); **B65H 45/28** (2013.01); **B65H 2513/10** (2013.01); **B65H 2515/31** (2013.01)

Citation (search report)

- [DA] DE 4137818 A1 19930519 - ROLAND MAN DRUCKMASCH [DE]
- [DA] DE 3735303 A1 19890427 - ROLAND MAN DRUCKMASCH [DE]
- [A] US 6270067 B1 20010807 - BERGMANN STEPHAN [DE], et al
- [A] US 4381106 A 19830426 - LOEBACH MICHAEL H

Cited by

EP2532497A1; CN102815097A; US8876682B2; WO2010068170A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1726548 A1 20061129; **EP 1726548 B1 20070926**; AT E374156 T1 20071015; DE 102005024283 A1 20061207; DE 102005024283 B4 20080515; DE 502006000112 D1 20071108; ES 2292158 T3 20080301

DOCDB simple family (application)

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