Title (en)
Method for controlling the tension of a sheet and/or the register

Title (de)
Verfahren zur Regelung einer Bahnspannung und/oder eines Registers

Title (fr)
Procédé de réglage d'une tension de bande et/ou du registre

Publication
EP 2072253 A3 20120704 (DE)

Application
EP 08018291 A 20081020

Priority
DE 102007062454 A 20071222

Abstract (en)
[origin: EP2072253A2] The method involves processing a product web i.e. paper (101), in a processing device. Elasticity modulus of a material of the web is changed by dampness entry into the material of the web and/or dampness discharge from the material of the web. A variable e.g. control parameter, input variable, precontrol value and reference value, assigned to the dampness entry into the material of the web and/or the dampness discharge from the material of the web is considered during controlling a web tension and/or a register. Independent claims are also included for the following: (1) a computer program with a program code unit for executing controlling steps of a method for controlling a web tension and/or a register in a processing machine (2) a computer program product with a program code unit for executing controlling steps of a method for controlling a web tension and/or a register in a processing machine.

IPC 8 full level
B41F 13/02 (2006.01); **B41F 23/04** (2006.01); **B65H 23/188** (2006.01); **B65H 43/00** (2006.01)

CPC (source: EP US)
B41F 13/02 (2013.01 - EP US); **B41F 13/025** (2013.01 - EP US); **B41F 23/04** (2013.01 - EP US); **B41F 23/0403** (2013.01 - EP US); **B41F 23/0476** (2013.01 - EP US); **B41F 23/0479** (2013.01 - EP US); **B65H 23/1882** (2013.01 - EP US); **B65H 43/00** (2013.01 - EP US); B65H 2301/5142 (2013.01 - EP US); B65H 2301/517 (2013.01 - EP US); B65H 2511/414 (2013.01 - EP US); B65H 2515/31 (2013.01 - EP US); B65H 2515/40 (2013.01 - EP US); B65H 2515/805 (2013.01 - EP US); B65H 2701/176 (2013.01 - EP US)

Citation (search report)
- [X] DE 10204484 A1 20030821 - KOENIG & BAUER AG [DE]
- [X] DE 19525170 A1 19970116 - KOENIG & BAUER ALBERT AG [DE]

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 2072253 A2 20090624; **EP 2072253 A3 20120704**; CN 101480872 A 20090715; CN 101480872 B 20130508; DE 102007062454 A1 20090702; JP 2009149091 A 20090709; TW 200944380 A 20091101; US 2009162126 A1 20090625; US 8561539 B2 20131022

DOCDB simple family (application)
EP 08018291 A 20081020; CN 200810191043 A 20081222; DE 102007062454 A 20071222; JP 2008326303 A 20081222; TW 97149353 A 20081218; US 33918808 A 20081219