

Title (en)
Control of the web tension of a running web

Title (de)
Regelung der Bahnspannung einer Warenbahn

Title (fr)
Contrôle de la tension d'une bande de matériau

Publication
EP 1790601 B1 20111109 (DE)

Application
EP 06019736 A 20060921

Priority
DE 102005056802 A 20051129

Abstract (en)
[origin: EP1790601A2] Method involves determination of the control loop parameters of the web tension controller (3) according to a characteristic curve predetermined as function and predetermined at several sampling points. The web tension controller makes a PI-control or a PID-control.

IPC 8 full level
B65H 23/188 (2006.01)

CPC (source: EP US)
B65H 23/1888 (2013.01 - EP US); **B65H 2513/11** (2013.01 - EP US); **B65H 2515/31** (2013.01 - EP US); **B65H 2557/242** (2013.01 - EP US); **B65H 2557/2644** (2013.01 - EP US); **B65H 2557/34** (2013.01 - EP US); **B65H 2557/63** (2013.01 - EP US)

C-Set (source: EP US)
1. **B65H 2515/31** + **B65H 2220/01**
2. **B65H 2513/11** + **B65H 2220/01** + **B65H 2220/02**

Cited by
DE102011101842A1; DE102009019624A1; EP2161130A3; EP2246760A3; EP3416010A1; EP2275812A1; US2022119215A1; US11884500B2; DE102010013782A1; DE102010012291A1; WO2011006645A1; WO2015172932A1; EP2246760A2; EP2524806A1; EP2246760B1

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

DOCDB simple family (publication)
EP 1790601 A2 20070530; EP 1790601 A3 20090401; EP 1790601 B1 20111109; EP 1790601 B2 20190424; AT E532727 T1 20111115; DE 102005056802 A1 20070531; EP 2386511 A1 20111116; EP 2386511 B1 20151202; EP 2392529 A1 20111207; EP 2392529 B1 20151111; JP 2007145607 A 20070614; US 2007119894 A1 20070531; US 7798382 B2 20100921

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