

Title (en)
WEB TENSION CONTROL

Title (de)
BAHNSPANNUNGSSTEUERUNG

Title (fr)
RÉGULATION DE LA TENSION D'UNE BANDE

Publication
EP 4273079 A1 20231108 (EN)

Application
EP 22171202 A 20220502

Priority
EP 22171202 A 20220502

Abstract (en)
A method for controlling a tension of a continuous web (W) comprises: moving said web along a web path; controlling a first actuator of a first dancer mechanism (100) to generate a first force to move first rollers (110) of said first dancer mechanism (100) along a respective first path on a respective first surface, said first rollers contacting said web at a first portion of said web path; and controlling a second actuator of a second dancer mechanism (200) to generate a second force to move second rollers of said second dancer mechanism along a respective second path on a respective second surface, said second rollers (120) contacting said web at a second portion of said web path, said second portion being separate from said first portion. Said first force and second force are determined so that the tension of said web is substantially equal near said first portion and near said second portion.

IPC 8 full level
B65H 23/188 (2006.01)

CPC (source: EP)
B65H 23/1888 (2013.01); **B65H 2801/15** (2013.01)

Citation (search report)

- [IA] US 2020001633 A1 20200102 - HEES MARCUS H G W [NL], et al
- [A] DE 102014104662 A1 20151008 - WEMHÖNER SURFACE TECHNOLOGIES GMBH & CO KG [DE]
- [A] EP 3693177 A2 20200812 - BUNDESDRUCKEREI GMBH [DE]

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
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