

Title (en)
Roll changer for feeding a material web

Title (de)
Rollenwechsler zur Zuführung einer Materialbahn

Title (fr)
Changeur de rouleaux pour alimenter une bande de matériau

Publication
EP 1681255 B1 20110831 (DE)

Application
EP 05108922 A 20050927

Priority
DE 102005002030 A 20050115

Abstract (en)
[origin: EP1681255A2] The reel changer for the feed of a material web (02) has at least one rotatably mounted reeling-off residual reel (06) and at least one follower reel (07). An oscillation sensor (12) measures oscillations encountered radially to the rotational axis (10) of the residual reel and transmits a measurement signal representing the oscillations to a computing unit. The oscillation sensor measures the distance between the generated surface of the residual reel and the oscillation sensor. An independent claim is included for a method for the operation of a reel changer in which a minimum value and/or a maximum value of the oscillation amplitude is determined in the computing unit, and a control signal sent out by the computing unit if the predetermined value is exceeded or not reached.

IPC 8 full level
B65H 19/12 (2006.01)

CPC (source: EP)
B65H 19/10 (2013.01); **B65H 26/025** (2013.01); **B65H 26/08** (2013.01); **B65H 2511/14** (2013.01); **B65H 2515/50** (2013.01); **B65H 2553/416** (2013.01)

C-Set (source: EP)
B65H 2511/14 + **B65H 2220/01**

Cited by
DE102011080732A1; DE102011080732B4

Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 1681255 A2 20060719; **EP 1681255 A3 20071226**; **EP 1681255 B1 20110831**; AT E522459 T1 20110915; DE 102005002030 A1 20060914; DE 102005002030 B4 20070830

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