

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 A3 20071226 (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)

Citation (search report)
• [YA] US 5241906 A 19930907 - KANSAKU TOSHIO [JP]
• [Y] US 2002154205 A1 20021024 - KAYA AKIMASA [JP]
• [A] DE 2018494 A1 19711104 - JAGENBERG WERKE AG
• [A] DE 2318351 B1 19740725

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DE102011080732A1; DE102011080732B4

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)
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