

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 A2 20060719 (DE)

Application
EP 05108922 A 20050927

Priority
DE 102005002030 A 20050115

Abstract (en)
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.

Abstract (de)
Die Erfindung betrifft einen Rollenwechsler zur Zuführung einer Materialbahn (02), in dessen Aufnahmen mindestens eine ablaufende Restrolle (06) und mindestens eine zum Rollenwechsel vorbereitete Nachfolgerrolle (07) drehbar gelagert sind. Ein Schwingungssensor (12) misst die radial zur Drehachse (10) der Restrolle auftretenden Schwingungen und leitet das Messsignal, welches die Schwingungen repräsentiert, an ein Auswertesystem weiter.

IPC 8 full level
B65H 19/12 (2006.01)

CPC (source: EP)
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Citation (applicant)
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