

Title (en)

Method for calibrating the position of the slitter blades of a slitter-winder

Title (de)

Verfahren zur Kalibrierung der Position der Rollenschneidklingen eines Rollenschneiders

Title (fr)

Procédé de calibrage de la position de lames de découpe d'une bobineuse-trancheuse

Publication

EP 2769813 B1 20160601 (EN)

Application

EP 13193794 A 20131121

Priority

US 201313774832 A 20130222

Abstract (en)

[origin: EP2769813A2] The positions of the slitter blades of a slitter-winder are calibrated using a laser to perform measurement and calibration of the fiber web cutting point of each slitter blade pair. Measurement and calibration is performed on the top slitter blade of each of a multiplicity of slitter blade pairs one after another. The laser measures one slitter blade of each slitter blade pair while they are engaged. The slitter blade pairs between the laser and the slitter blade pair being measured are not engaged. Carriages which support the slitter blades have position sensors which the laser measurements calibrate and the blade pair positions are measured and the carriage positions are read simultaneously. The cutting edges of the slitter blades are sharpened to have straight sides and the laser measurement system is located so the laser beam is directed to the straight side.

IPC 8 full level

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CPC (source: EP)

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Cited by

CN107379069A; KR101893901B1; CN108162043A; CN112643740A; CN117681280A; EP3744476A1

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