

Title (en)

Method and device for detecting orientation characteristics on a web of material

Title (de)

Vorrichtung und Verfahren zur Detektion von Orientierungsmerkmalen auf einer Materialbahn

Title (fr)

Dispositif et procédé de détection de caractéristiques d'orientation sur une bande de matériau

Publication

EP 2093173 B1 20130612 (DE)

Application

EP 08151610 A 20080219

Priority

EP 08151610 A 20080219

Abstract (en)

[origin: EP2093173A1] The device has a sensor element i.e. complementary metal oxide semiconductor (CMOS) matrix sensor, for registering a sensor zone (308) on material webs (300, 300', 300"). The material webs operate on a predetermined material web level in a predetermined travel direction. A light transmitter (330) i.e. laser, produces light beam spots (334, 334', 335, 335') on the material webs, where the device determines a position of a deviating material web level that deviates from the predetermined material web level based on the light beam spots. Independent claims are also included for the following: (1) a material web orientation feature detecting method (2) a material web orientation feature detecting system comprising a roller subsystem.

IPC 8 full level

B65H 23/02 (2006.01)

CPC (source: EP US)

B65H 23/0216 (2013.01 - EP US); **B65H 2553/416** (2013.01 - EP US)

Cited by

DE102012101310C5; DE102016203463A1; US8083201B2; US9719939B2; WO2010090916A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 2093173 A1 20090826; **EP 2093173 B1 20130612**; CN 101556140 A 20091014; CN 101556140 B 20150506; US 2009206284 A1 20090820; US 2013270464 A1 20131017; US 8476611 B2 20130702; US 8729513 B2 20140520

DOCDB simple family (application)

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