

Title (en)

METHOD AND DEVICE FOR IDENTIFYING STRUCTURES IN A FIBROUS MATERIAL WEB OR IN A FIBROUS MATERIAL SUSPENSION JET

Title (de)

VERFAHREN UND VORRICHTUNG ZUR ERKENNUNG VON STRUKTUREN IN EINER FASERSTOFFBAHN ODER IN EINEM FASERSTOFFSUSPENSIONSSTRAHL

Title (fr)

PROCÉDÉ ET DISPOSITIF DE DÉTECTION DE STRUCTURES DANS UNE MATIÈRE FIBREUSE OU DANS UN RAYON DE SUSPENSION DE MATIÈRE FIBREUSE

Publication

EP 2183576 A1 20100512 (DE)

Application

EP 08760837 A 20080611

Priority

- EP 2008057284 W 20080611
- DE 102007036432 A 20070802

Abstract (en)

[origin: WO2009015934A1] The invention relates to a method for identifying long strip-like structures in a fibrous material web, especially a paper or cardboard web, and/or in a fibrous material suspension jet formed by a headbox and used in the production of such a fibrous web. According to said method, a digital image is produced from the section of the fibrous material web or the fibrous material suspension jet to be examined, by means of a recording device, and the digital image is subjected to a two-dimensional spectral analysis. In order to determine and/or quantify the long strip-type structures, essentially only frequencies within a long strip-type area, such as especially a rectangle or an ellipse, are taken into account. The invention also relates to a corresponding device for identifying corresponding structures.

IPC 8 full level

G01N 21/89 (2006.01); **D21G 9/00** (2006.01); **G01B 11/30** (2006.01); **G01N 33/34** (2006.01)

CPC (source: EP)

D21F 7/00 (2013.01); **D21G 9/00** (2013.01); **G01N 21/8903** (2013.01); **G01N 33/34** (2013.01); **G06T 7/0004** (2013.01); **G06T 2207/20056** (2013.01); **G06T 2207/30124** (2013.01)

Citation (search report)

See references of WO 2009015934A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

DE 102007036432 A1 20090205; EP 2183576 A1 20100512; WO 2009015934 A1 20090205

DOCDB simple family (application)

DE 102007036432 A 20070802; EP 08760837 A 20080611; EP 2008057284 W 20080611