

Title (en)

METHOD FOR DETECTING AND CLASSIFYING FOREIGN MATERIAL IN A TEXTILE INSPECTION LOT THAT IS MOVED LENGTHWISE

Title (de)

VERFAHREN ZUM ERFASSEN UND KLASSIEREN VON FREMDSTOFFEN IN LÄNGSBEWEGTEM, TEXTILEM PRÜFGUT

Title (fr)

PROCEDE POUR DETECTER ET CLASSER DES IMPURETES DANS UN PRODUIT D'ESSAI TEXTILE EFFECTUANT UN DEPLACEMENT LONGITUDINAL

Publication

EP 1583963 A1 20051012 (DE)

Application

EP 03815034 A 20031217

Priority

- CH 0300821 W 20031217
- CH 262003 A 20030108

Abstract (en)

[origin: WO2004063746A1] The invention relates to a method for detecting and classifying foreign material in an inspection lot of textile fibers that is moved lengthwise. The aim of the invention is to allow for the simultaneous inspection of the inspection lot with regard to a plurality of properties and to allow for the detection of a foreign material and for its classification in a simple manner while taking due consideration of all properties measured. According to the invention, values (4, 5, 43b) for deviations of these properties from a standard (43) are detected and stored for at least two properties that are influenced by the foreign material. The values (4) for the deviations are eliminated according to a predetermined rule except for the values of one property. A value (5) for the deviation and a value (45) for the length of the deviation on the inspection lot resulting from the values of the remaining property is detected and the foreign material is classified according to this deviation and length.

IPC 1-7

G01N 33/36

IPC 8 full level

G01N 33/36 (2006.01)

CPC (source: EP US)

D06H 3/00 (2013.01 - EP US); **G01N 21/8915** (2013.01 - EP US); **G01N 33/365** (2013.01 - EP US)

Citation (search report)

See references of WO 2004063746A1

Designated contracting state (EPC)

BE CH DE ES FR IT LI

DOCDB simple family (publication)

WO 2004063746 A1 20040729; CN 1735803 A 20060215; EP 1583963 A1 20051012; JP 2006513328 A 20060420; US 2006230823 A1 20061019; US 7292340 B2 20071106

DOCDB simple family (application)

CH 0300821 W 20031217; CN 200380108535 A 20031217; EP 03815034 A 20031217; JP 2004565875 A 20031217; US 53920405 A 20051118