Title (en)

ABNORMALITY DETECTION METHOD, FIBER PROCESSING SYSTEM, SPINNING MACHINE, AND ABNORMALITY DETECTION PROGRAM

Title (de)

ANOMALIEDETEKTIONSVERFAHREN, FASERVERARBEITUNGSSYSTEM, SPINNMASCHINE UND ANOMALIEDETEKTIONSPROGRAMM

Title (fr)

PROCÉDÉ DE DÉTECTION D'ANOMALIES, SYSTÈME DE TRAITEMENT DE FIBRES, MACHINE DE FILAGE ET PROGRAMME DE DÉTECTION D'ANOMALIES

Publication

EP 3587632 A1 20200101 (EN)

Application

EP 19174033 A 20190513

Priority

JP 2018119676 A 20180625

Abstract (en)

An abnormality detection method is executed in a fiber processing system (100) in which a pre-process machine (130) executes a pre-process to produce a first fiber bundle and then a post-process machine (150) processes the first fiber bundle to produces a second fiber bundle thinner than the first fiber bundle. The abnormality detection method includes an acquiring step of acquiring pre-process information relating to the pre-process, a thickness detecting step of detecting thickness information relating to a thickness of the second fiber bundle, and an abnormality detecting step of detecting, based on the pre-process information and the thickness information, a non-periodic abnormality occurring in the second fiber bundle.

IPC 8 full level

D01H 5/38 (2006.01); **D01H 13/32** (2006.01)

CPC (source: CN EP)

D01H 5/38 (2013.01 - EP); **D01H 13/14** (2013.01 - CN); **D01H 13/32** (2013.01 - EP)

Citation (applicant)

JP 2008007214 A 20080117 - MURATA MACHINERY LTD

Citation (search report)

- [Y] EP 3305700 A1 20180411 - MURATA MACHINERY LTD [JP]
- [Y] US 4491831 A 19850101 - SAKAI SHOJO [JP], et al

Designated contracting state (EPC)

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 3587632 A1 20200101; CN 110629335 A 20191231; JP 2020001837 A 20200109

DOCDB simple family (application)

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