Title (en)

PERIODIC UNEVENNESS DETECTING METHOD, TEXTILE PROCESSING SYSTEM, SPINNING MACHINE, AND PERIODIC UNEVENNESS DETECTING PROGRAM

Title (de)

VERFAHREN ZUR ERFASSUNG PERIODISCHER UNEBENHEITEN, TEXTILVERARBEITUNGSSYSTEM, SPINNMASCHINE UND PROGRAMM ZUR ERKENNUNG PERIODISCHER UNEBENHEITEN

Title (fr)

PROCÉDÉ DE DÉTECTION D'IRRÉGULARITÉ PÉRIODIQUE, SYSTÈME DE TRAITEMENT DE TEXTILE, MACHINE DE FILAGE ET PROGRAMME DE DÉTECTION D'IRRÉGULARITÉ PÉRIODIQUE

Publication

EP 3587636 A1 20200101 (EN)

Application

EP 19181965 A 20190624

Priority

JP 2018119662 A 20180625

Abstract (en)

A periodic unevenness detecting method executed in a textile processing system (100) in which a first fiber bundle (S) that is produced by an upstream process machine (130) is at least drafted by a downstream process machine (150) to produce a second fiber bundle (Y), the periodic unevenness detecting method including a first acquisition step of acquiring first information concerning the upstream process machine (130), a thickness unevenness detecting step of detecting thickness unevenness information concerning periodic unevenness of thickness in the second fiber bundle (Y), and a periodic unevenness identifying step of identifying, based on the first information, the thickness unevenness information, and a total drafting ratio in the downstream process machine, periodic unevenness occurring in the second fiber bundle (Y) due to the upstream process machine (130).

IPC 8 full level

D01H 13/22 (2006.01)

CPC (source: CN EP)

D01H 13/22 (2013.01 - EP); D01H 13/32 (2013.01 - CN)

Citation (applicant)

- JP 2014009422 A 20140120 - MURATA MACHINERY LTD
- JP H07138822 A 19950530 - MURATA MACHINERY LTD

Citation (search report)

- [XI] DE 102005019760 A1 20051222 - RIETER INGOLSTADT SPINNEREI [DE]
- [IA] JP 2011020836 A 20110203 - MURATA MACHINERY LTD
- [AD] EP 2687627 A1 20140122 - MURATA MACHINERY LTD [JP]

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)

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DOCDB simple family (application)

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