

Title (en)

Fault detector and indicator for spinning station

Title (de)

Spinnstellenstörmelder und -qualifizierer

Title (fr)

Détecteur et indicateur de défaut pour une unité de filature d'un métier à filer

Publication

EP 0648872 B1 20010509 (DE)

Application

EP 94116410 A 19941018

Priority

DE 4335459 A 19931018

Abstract (en)

[origin: EP0648872A1] A device for indicating spinning-station faults and for qualifying them is proposed. Also proposed is a method for recording and evaluating faults which have occurred on a yarn-spinning station, according to which the abovementioned fault indicator can operate. In order to increase the operating effectiveness of the spinning machine and in order, when a fault occurs in the yarn or in another electrical or mechanical device of the spinning machine, to induce a reaction appropriate to the hierarchy or quality of the fault indication, the parameter signal of the yarn obtained from a measuring device (20) is fed to an evaluation stage (21, 22) which transmits the fault-indication signals. These are assigned to fault groups (A, B, C, D) predetermined in an assignment section (23) provided directly at the spinning station. The output signals from the assignment section in each case represent a group of faults which (automatically) induce graded fault-elimination reactions. <IMAGE>

IPC 1-7

D01H 13/22; **B65H 63/06**

IPC 8 full level

B65H 63/00 (2006.01); **B65H 63/06** (2006.01); **B65H 69/00** (2006.01); **D01H 13/14** (2006.01); **D01H 13/22** (2006.01); **D01H 13/26** (2006.01)

CPC (source: EP US)

B65H 63/00 (2013.01 - EP US); **B65H 63/062** (2013.01 - EP US); **B65H 69/00** (2013.01 - EP US); **D01H 13/22** (2013.01 - EP US); **B65H 2557/65** (2013.01 - EP US); **B65H 2701/31** (2013.01 - EP US)

Citation (examination)

- EP 0365901 A2 19900502 - ZELLWEGER USTER AG [CH]
- DE 3906508 A1 19890914 - MURATA MACHINERY LTD [JP]

Cited by

EP1300358A3; DE19930714C5

Designated contracting state (EPC)

BE CH DE IT LI

DOCDB simple family (publication)

EP 0648872 A1 19950419; **EP 0648872 B1 20010509**; **EP 0648872 B2 20080702**; CZ 257094 A3 19951115; CZ 288653 B6 20010815; DE 4335459 A1 19950420; DE 4335459 C2 19991202; DE 59409744 D1 20010613; US 5799476 A 19980901

DOCDB simple family (application)

EP 94116410 A 19941018; CZ 257094 A 19941018; DE 4335459 A 19931018; DE 59409744 T 19941018; US 76834196 A 19961217