

Title (en)

Method and device to remedy defects in the work stations of a textile machine.

Title (de)

Verfahren und Vorrichtung zur Behebung von Störungen an Arbeitsstellen einer Textilmaschine.

Title (fr)

Procédé et dispositif pour remédier à des perturbations aux postes de travail d'une machine textile.

Publication

EP 0308711 A1 19890329 (DE)

Application

EP 88114417 A 19880903

Priority

CH 372487 A 19870924

Abstract (en)

[origin: JPH0197228A] PURPOSE: To optimize the operation of each robot for fault clearing purposes by detecting the positions and the number of the faults and robots, allocating the faults to robots equally and clearing the faults in the sub-section with the robots allocated to the sub-section. CONSTITUTION: Yarn monitors are provided to individual yarn-spinning stations S1 , S2 , S3 and the like so that they may dispatch fault signals and they are connected to the CPUZE with the line 7. The counter ZS detects the faults sent through the line 7 in number of times, while the counter ZR detects the number of the working robots R1 , R2 , R3 or the like and these signals are sent to the section module S/R to decide the number of the fault to be cleared by every robot. The CPUZE decides the sub-sections on the tracks so that the fault number may become equal in individual sub-sections and send the indication signals to individual robots whereby the robots are moved to the allocated sub-sections to clear the allocated faults.

Abstract (de)

Identische Roboter R1, R2, R3 auf einer gemeinsamen, längs einer Spinnstellen S1 usw. aufweisenden Textilmaschine 1 angeordneten Fahrbahn 2 werden von einer Zentralsteuereinheit ZE derart gesteuert, dass jedem Roboter ein Teilabschnitt A, B, C der Fahrbahn zugeordnet wird, wobei sich in jedem Teilabschnitt die gleiche Anzahl von bedienungsbedürftigen Spinnstellen T1, T2 usw. befinden.

IPC 1-7

D01H 13/14; **D01H 15/00**; **B65H 54/26**

IPC 8 full level

B65H 54/26 (2006.01); **D01H 13/00** (2006.01); **D01H 13/14** (2006.01)

CPC (source: EP US)

B65H 54/26 (2013.01 - EP US); **D01H 13/005** (2013.01 - EP US); **D01H 13/145** (2013.01 - EP US); **B65H 2701/31** (2013.01 - EP US)

Citation (search report)

- [A] DE 3039932 A1 19820527 - ZINSER TEXTILMASCHINEN GMBH [DE]
- [A] DE 2736849 A1 19790301 - ZINSER TEXTILMASCHINEN GMBH
- [A] FR 2396107 A1 19790126 - ALSACIENNE CONSTR MECA [FR]
- [A] DE 2460375 A1 19760624 - STAHLLECKER FRITZ

Cited by

CN103014964A; DE10137056C5; DE3942916A1; DE102006007922A1; DE102004035261A1; EP0534898A1; WO2006007889A1

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