

Title (en)

Loading control in a preparatory spinning machine

Title (de)

Bestückungsüberwachung an einer Vorspinnmaschine

Title (fr)

Surveillance de garnissage dans une machine de préparation à la filature

Publication

EP 0905294 A3 20000524 (DE)

Application

EP 98117964 A 19980922

Priority

DE 19742154 A 19970924

Abstract (en)

[origin: EP0905294A2] Tubes (25) are supplied to the flyer region (3) from the handling region (2) by conveyor trains (4,5) running along rails (30,30'). If faults are detected by sensors (11,12,13) the conveyor is reversed so that the faults can be corrected, after which the tubes are again conveyed into the flyer region (3). An Independent claim is also included for conveyor monitoring equipment (8) to provide signals to a control unit (10) which stops the bobbin changing process when a fault is detected and releases the conveyor when the fault has been repaired.

IPC 1-7

D01H 9/18

IPC 8 full level

D01H 9/04 (2006.01); **D01H 9/18** (2006.01)

CPC (source: EP US)

D01H 9/182 (2013.01 - EP US)

Citation (search report)

- [YA] EP 0307806 A1 19890322 - TOYODA AUTOMATIC LOOM WORKS [JP], et al
- [YA] WO 9301336 A1 19930121 - RIETER AG MASCHF [CH]
- [AD] DE 4421778 A1 19960111 - ZINSER TEXTILMASCHINEN GMBH [DE]
- [A] FR 2681880 A1 19930402 - ZINSER TEXTILMASCHINEN GMBH [DE]

Cited by

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DOCDB simple family (publication)

EP 0905294 A2 19990331; EP 0905294 A3 20000524; EP 0905294 B1 20021211; DE 19742154 A1 19990401; DE 19742154 C2 20020307; DE 59806610 D1 20030123; JP 4235287 B2 20090311; JP H11152631 A 19990608; US 5987868 A 19991123

DOCDB simple family (application)

EP 98117964 A 19980922; DE 19742154 A 19970924; DE 59806610 T 19980922; JP 26325898 A 19980917; US 15948898 A 19980923