

Title (en)

TRAVELLING DEVICE FOR AUTOMATIC MAINTENANCE MECHANISM ON SPINNING OR TWISTING MACHINES

Title (de)

FAHREINRICHTUNG FÜR WARTUNGSAUTOMAT AN SPINN- ODER ZWIRNMASCHINEN

Title (fr)

DISPOSITIF MOBILE POUR AUTOMATE D'ENTRETIEN SUR UN METIER A FILER OU SUR UN METIER A RETORDRE

Publication

EP 0516771 B1 19960214 (DE)

Application

EP 91919853 A 19911109

Priority

- DE 4041855 A 19901224
- EP 9102124 W 19911109

Abstract (en)

[origin: WO9211404A1] The invention relates to a travelling device for automatic maintenance mechanism on spinning or twisting machines. The aim of the invention is to improve the travelling properties of the automatic maintenance mechanism on the textile machine's rail system when taking curves in order to ensure that the mechanism runs smoothly and continuously, avoiding rubbing friction and spontaneous yawing movements of the running wheel. According to the invention, this is achieved in that a supporting wheel (4) on the track is fitted in a pivot bearing (3), the steering axis of which coincides with the central vertical axis of the supporting wheel (4), and said pivot bearing (3) is connected via a web (9) to a swivel bearing (2) fitted on the chassis (1), whereby this web (9) is held on either side by a fixed stop (8) and a pivoting pawl (10).

IPC 1-7

D01H 13/00; **B61B 13/04**

IPC 8 full level

B61B 13/04 (2006.01); **D01H 13/00** (2006.01)

CPC (source: EP US)

B61B 13/04 (2013.01 - EP US); **D01H 13/005** (2013.01 - EP US)

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

DE 4041855 A1 19920625; CZ 233092 A3 19930714; CZ 280322 B6 19951213; DE 59107410 D1 19960328; EP 0516771 A1 19921209; EP 0516771 B1 19960214; SK 233092 A3 19950607; US 5269228 A 19931214; WO 9211404 A1 19920709

DOCDB simple family (application)

DE 4041855 A 19901224; CS 233092 A 19911109; DE 59107410 T 19911109; EP 9102124 W 19911109; EP 91919853 A 19911109; SK 233092 A 19911109; US 91710392 A 19920921