

Title (en)

Roving frame with a device for automatically removing full roving bobbins and replacing them with empty tubes.

Title (de)

Vorspinnmaschine mit einer Einrichtung zum selbsttätigen Auswechseln voller Vorgarnspulen gegen leere Vorgarnhülsen.

Title (fr)

Banc à broches avec un dispositif pour remplacer automatiquement des bobines de mèche pleines contre des tubes vides.

Publication

EP 0585827 B1 19951025 (DE)

Application

EP 93113707 A 19930827

Priority

DE 4229296 A 19920902

Abstract (en)

[origin: EP0585827A2] So that full bobbins 10 and empty tubes 8 can be transferred to and from suspended carriage trains 11 on a roving frame 1 in a way which is as simple as possible and which necessitates only slight constructional modifications on the roving frame, it is proposed to move the suspended carriage train into the changing position on a guide track running through the fliers 6. For this purpose, there are arranged under the heads 15 of the fliers 6 and/or under the flier rail 5 of the roving frame 1 guide members 17, 22/23, 41, 42 which, especially in the transverse position of the fliers 6 relative to the longitudinal axis of the roving frame, form a guide track carrying a suspended carriage train 11. <IMAGE>

IPC 1-7

D01H 9/04; **D01H 9/18**

IPC 8 full level

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

CPC (source: EP US)

D01H 9/046 (2013.01 - EP US); **D01H 9/182** (2013.01 - EP US)

Cited by

FR2728276A1; DE4406484A1

Designated contracting state (EPC)

CH DE ES FR IT LI

DOCDB simple family (publication)

DE 4229296 A1 19940303; CN 1033868 C 19970122; CN 1087689 A 19940608; DE 59300818 D1 19951130; EP 0585827 A2 19940309; EP 0585827 A3 19940413; EP 0585827 B1 19951025; JP 3506736 B2 20040315; JP H06158448 A 19940607; US 5375405 A 19941227

DOCDB simple family (application)

DE 4229296 A 19920902; CN 93118969 A 19930902; DE 59300818 T 19930827; EP 93113707 A 19930827; JP 21655793 A 19930831; US 11625793 A 19930902