

Title (en)

Transport device for supplying exhausted bobbins and for removing full bobbins on an double sided spinning machine.

Title (de)

Transportvorrichtung zur Bereitstellung von Spulenhülsen und zum Abtransport von Spinnspulen an einer doppelseitigen Spinnmaschine.

Title (fr)

Dispositif de transport pour agencer des tubes de bobines et pour emporter des bobines pour un métier à filer bilatéral.

Publication

EP 0337126 B1 19931110 (DE)

Application

EP 89104327 A 19890311

Priority

DE 3812342 A 19880414

Abstract (en)

[origin: EP0337126A1] Known devices possess on each machine side an endless conveyor band which is arranged above the spindles of a spinning machine. Arranged on the conveyor bands are driving means which are designed so that they can engage into the spinning bobbins or bobbin tubes. The known devices are constructed at a high outlay and do not lend themselves to automation. <??>The new device possesses a conveyor band which is designed as a flexible endless steel band and which is guided on edge round the two machine sides of the spinning machine. The conveyor band is assigned a drive and a device for removal and supply of spinning bobbins and bobbin tubes. <??>Transport device for double-sided spinning machines. <IMAGE>

IPC 1-7

D01H 9/18; B65H 67/06

IPC 8 full level

B65H 67/06 (2006.01); **D01H 9/18** (2006.01)

CPC (source: EP US)

D01H 9/187 (2013.01 - EP US)

Cited by

EP0386437A3; EP0450379A3; EP0453889A1; EP0410120A1; EP0401667A3

Designated contracting state (EPC)

CH DE FR IT LI

DOCDB simple family (publication)

EP 0337126 A1 19891018; **EP 0337126 B1 19931110**; DE 3812342 A1 19891026; DE 3812342 C2 19940811; DE 58906131 D1 19931216; JP 2777816 B2 19980723; JP H01299169 A 19891201; US 4964269 A 19901023

DOCDB simple family (application)

EP 89104327 A 19890311; DE 3812342 A 19880414; DE 58906131 T 19890311; JP 9330189 A 19890414; US 33624289 A 19890411