

Title (en)

Apparatus for displacing a row of peg-trays in a textile mill.

Title (de)

Vorrichtung zum Verschieben von Spulentransportträgern, die aus einer scheibenartigen Grundplatte und einem mittigen Zapfen bestehen, in einer Spinnerei.

Title (fr)

Dispositif pour déplacer dans une filature une rangée d'éléments porteurs en forme de disque et d'une cheville placée au centre de celui-ci.

Publication

EP 0314089 A1 19890503 (EN)

Application

EP 88117812 A 19881026

Priority

JP 16476387 U 19871027

Abstract (en)

An apparatus for transporting a row of peg-trays (9) in a textile mill, comprising a linear guiding element (14) arranged along a transportation path (15) of the peg-tray (9), for guiding the peg-tray (9) while in contact with the upper surface of the peg-tray (9), conveyor belt (13) arranged in parallel to the guiding element (14) so that the peg-tray (9) is sandwiched between the guiding element (14) and the conveyor belt (13), and means (19, 21, 22; 40; 42, 44; 50; 60, 64) for supporting the conveyor belt (13) in contact with the lower surface of the peg-tray (9). A coefficient of kinetic friction between the lower surface of the peg-tray (9) and the conveyor belt (13) being larger than that between the supporting means (21, 42, 50, 60) and the conveyor belt (13).

IPC 1-7

B65G 35/06; B65H 67/06; D01H 9/10; D01H 9/18

IPC 8 full level

D01H 9/02 (2006.01); **D01H 9/04** (2006.01); **D01H 9/10** (2006.01); **D01H 9/18** (2006.01)

CPC (source: EP KR)

D01H 9/10 (2013.01 - EP); **D01H 9/18** (2013.01 - KR); **D01H 9/187** (2013.01 - EP)

Citation (search report)

[X] DE 3630670 A1 19870430 - MURATA MACHINERY LTD [JP]

Cited by

DE3924712A1; US5074401A; US5174432A; US5176245A; US5201405A; EP0409624A1; US5092116A

Designated contracting state (EPC)

CH DE ES IT LI

DOCDB simple family (publication)

EP 0314089 A1 19890503; EP 0314089 B1 19921230; DE 3877128 D1 19930211; DE 3877128 T2 19930519; ES 2036654 T3 19930601; JP H0170876 U 19890511; JP H06465 Y2 19940105; KR 890006881 A 19890616; KR 910007566 B1 19910927

DOCDB simple family (application)

EP 88117812 A 19881026; DE 3877128 T 19881026; ES 88117812 T 19881026; JP 16476387 U 19871027; KR 880013979 A 19881026