

Title (en)

Apparatus for transporting bobbins to or from multiple spinning machines or twisting machines.

Title (de)

Einrichtung für den Transport von Spulen aus oder in Vielstellenspinn- oder Vielstellenzwinnmaschinen hinein.

Title (fr)

Dispositif de transport de bobines vers ou à partir de métiers à filer ou machines à tordre multiples.

Publication

**EP 0274626 A1 19880720 (DE)**

Application

**EP 87117363 A 19871125**

Priority

DE 8700472 U 19870110

Abstract (en)

[origin: US4856270A] An automated thread processing system is characterized by reducing thread package handling and labor requirements. The system includes a textile thread processing machine station having a plurality of spindle assemblies for processing thread and forming wound packages of thread. At least one additional station is also provided. A thread package transporting mechanism includes a stationary continuous rail passing through the thread processing machine station and to and through the additional station and back to the thread processing machine station. Thread package carrying devices are movably mounted on the rail and positioned for receiving the wound packages of thread doffed from the spindle assemblies of the thread processing machine station and then carrying the thread packages from the thread processing machine station to the additional station and releasing the thread packages at the additional station and then returning to the thread processing machine station. Drive mechanisms are provided for driving the thread package carrying devices along the rail.

Abstract (de)

Eine Einrichtung für den Abtransport von Spulen aus Vielstellenspinn- und Vielstellenzwinnmaschinen, die zwei im Abstand voneinander angeordnete Spindelreihen aufweisen, zwischen denen in der Maschinenmitte eine in Maschinenlängsrichtung verfahrbare Transporteinrichtung angeordnet ist, an die die Spulen automatisch oder von Hand übergeben werden, ist dadurch gekennzeichnet, daß die Transporteinrichtung über das Maschinenende hinaus zu einer weiterverarbeitenden Maschine oder einer Packerei geführt ist.

IPC 1-7

**D01H 9/18**; **B65H 67/06**

IPC 8 full level

**D01H 9/18** (2006.01); **B65H 67/06** (2006.01); **D01D 11/00** (2006.01)

CPC (source: EP US)

**B65H 67/064** (2013.01 - EP US); **B65H 2701/31** (2013.01 - EP US)

Citation (search report)

- DE 1760456 C
- DE 2242361 A1 19740117 - AUGSBURGER KAMMGARN SPINNEREI
- DE 3336958 A1 19840412 - MURATA MACHINERY LTD [JP]
- DE 3433706 A1 19850502 - MURATA MACHINERY LTD [JP]
- DE 2429098 A1 19750102 - TOYODA AUTOMATIC LOOM WORKS [JP], et al

Cited by

EP0379600A1; DE3912513A1; JP2007051409A; EP0384092A1; FR2642092A1

Designated contracting state (EPC)

CH DE ES FR GB IT LI

DOCDB simple family (publication)

**DE 8700472 U1 19870430**; CS 17788 A2 19911015; DE 3767466 D1 19910221; EP 0274626 A1 19880720; EP 0274626 B1 19910116; ES 2020251 B3 19910801; IN 170373 B 19920321; JP S63202566 A 19880822; US 4856270 A 19890815

DOCDB simple family (application)

**DE 8700472 U 19870110**; CS 17788 A 19880107; DE 3767466 T 19871125; EP 87117363 A 19871125; ES 87117363 T 19871125; IN 868MA1987 A 19871202; JP 31539587 A 19871215; US 14265788 A 19880111