

Title (en)

Improved structure for supplying a spinning frame with full bobbins for replacing exhausted bobbin in a random way.

Title (de)

Einrichtung zur Versorgung einer Spinnmaschine mit vollen Spulen und zum Austausch der leeren Spulen nach einer Zufallsverteilung.

Title (fr)

Structure pour amener à un métier à filer des bobines pleines et pour remplacer les bobines vides arbitrairement.

Publication

**EP 0314631 B1 19940427 (EN)**

Application

**EP 88830305 A 19880719**

Priority

IT 2225787 A 19871013

Abstract (en)

[origin: EP0314631A1] The invention relates to a bobbin supply system adapted to simplify the random replacing operation of completely exhausted bobbins to be replaced by completely full bobbins on a spinning frame. This supply system comprises at least a first path (1) coming from a bobbin frame and adapted to transfer a bobbin assembly or train arranged near a second path (1 min ) which extends on the perimeter of the parts constituting a spinning frame. The mentioned first path is provided with a conveyor belt driven with a substantially reciprocating motion, whereas the second path is provided with a conveyor belt having a substantially continuous motion, the system further comprising means for transferring individual bobbins (2) between the conveyor belts of the first and second paths (1, 1 min ).

IPC 1-7

**D01H 9/18**

IPC 8 full level

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CPC (source: EP KR)

**D01H 9/18** (2013.01 - EP KR)

Cited by

EP0384978A3; DE4445264A1; US5148665A; DE19601286C1; US5732542A; DE4445263A1; ES2147045A1; DE19749024A1; DE19749024B4; DE4445265A1; FR2746419A1; US5822970A; DE19611398B4; US5671596A; US6263653B1

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