

Title (en)

AUTOMATIC WINDER WITH A CLOSED LOOP PIN AND CUP TRANSPORT-SYSTEM

Publication

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Application

**EP 90110566 A 19900605**

Priority

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- DE 4009318 A 19900323

Abstract (en)

[origin: EP0402731A1] The object of the invention is to provide an automatic winding machine, in which the sufficient supply of the spinning machines with empty tubes is ensured. According to the invention, a tube-cleaning device (18) is arranged on a secondary transport path (7). This secondary transport path branches off from a return path (17) which is part of a main transport loop within which the majority of the pallets (1) circulate. The arrangement of the tube-cleaning device (18) on the secondary transport path (7) ensures the free passage of empty tubes on the return path in the direction of the spinning machines. The cleaned tubes then likewise pass onto the return path (17) again. <IMAGE>

IPC 1-7

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IPC 8 full level

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CPC (source: EP US)

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