

Title (en)
Method for exchanging cans between a transport carriage for flat cans and an open-end spinning machine; and a transport carriage for carrying out this method

Title (de)
Verfahren zum Kannenwechsel zwischen einem Transportwagen für Flachkannen und einer OE-Spinnmaschine und Transportwagen zur Durchführung des Verfahrens

Title (fr)
Procédé pour remplacer des pots entre un chariot de transport pour pots plats et un métier à filer à bout libre et chariot de transport pour la mise en oeuvre de ce procédé

Publication
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Application
EP 95120117 A 19910517

Priority

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Abstract (en)
[origin: WO9118135A1] In order to transport cans (44) between machines (30, 11, 110) treating or processing fiber webs by means of a can transport device (26), the latter is loaded and unloaded at the same time in a position on a machine (30) or a store (5). During their transport between two such machines (30, 11, 110), the cans (44) are checked. Here, the cans (44) still containing the remains of fiber webs are emptied. The path (901, 902, 903) of the can transport device (26) forms a track system consisting of three interconnected can circuits, where a first circuit comprises two such machines (11, 110, 30) and the other two one of these machines (11, 110, 30) each and the can store. The can shifting device for loading and unloading the can transport device (26) is fitted with a grip to grasp the can (44) and a lifting device to raise the grasped can (44). The grip (72) is arranged on a slide movable transversely to the longitudinal extension of the can transport device (26) which in turn is arranged on a carrier slide movable transversely to the longitudinal extension of the can transport device.

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IPC 8 full level
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Citation (search report)

- [X] DE 8812622 U1 19900208
- [PX] DE 4018088 A1 19910110 - ELITEX ZAVODY TEXTILNIHO [CS]
- [A] DE 3524922 A1 19870115 - LANGEN MANFRED
- [A] WO 8606358 A1 19861106 - BUERO PATENT AG [CH]
- [A] FR 2610235 A1 19880805 - ITECA SARL [FR]

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