

Title (en)
Device for transporting and handling weft yarn supply bobbins and feeding them to the creels of weaving machines and method for operating the device.

Title (de)
Einrichtung zum Transportieren und Handhaben von Schussfaden-Vorratsspulen sowie zum Zuführen derselben an Spulengestelle von Webmaschinen und Verfahren zum Betrieb der Einrichtung.

Title (fr)
Dispositif pour transporter et manipuler des bobines de réserve de fil de trame ainsi que les amener aux cantres des métiers à tisser et procédé pour actionner le dispositif.

Publication
EP 0514321 B1 19950913 (DE)

Application
EP 92810269 A 19920409

Priority
CH 145591 A 19910515

Abstract (en)
[origin: EP0514321A1] The device contains a preparation station (5) for equipping bobbin holders (12) with supply bobbins (4) and a transport loop (7) for transporting these bobbin holders (12) towards weaving machines arranged in groups and for returning bobbin holders (12') containing empty bobbin tubes towards the preparation station (5) as well as at least one storage zone (7c) branching off from the transport loop (7) and intended for receiving a number of bobbin holders (12, 12') corresponding to the respective bobbin requirement of at least one of the weaving-machine groups (1a, 1b,...1n). To exchange the bobbin holders (12' or 12) on the weaving machines, there is a feed device (18) which is mounted on an additional transport device (10) which is movable towards a plurality of weaving-machine groups (1a, 1b,...1n) independently of the transport loop (7) and which is intended for the temporary reception of the bobbin holders (12, 12') feedable from the storage zone (7c) and returnable to the latter. This design achieves a simple and uncomplicated construction of the device which allows the weaving machines to be fed according to requirements and in a manner which can be automated in a simple way. <IMAGE>

IPC 1-7
B65H 67/06; **D03J 1/04**

IPC 8 full level
B65H 67/06 (2006.01); **D03D 51/00** (2006.01); **D03J 1/04** (2006.01); **D03J 1/12** (2006.01)

CPC (source: EP US)
B65H 67/064 (2013.01 - EP US); **D03J 1/04** (2013.01 - EP US); **B65H 2701/31** (2013.01 - EP US); **Y10S 414/121** (2013.01 - EP US)

Cited by
DE4301079A1; DE4306815A1; DE4227252A1; EP1363823A4

Designated contracting state (EPC)
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