

Title (en)  
APPARATUS FOR MOVING BOBBINS AND TUBES FOR A TEXTILE PLANT, AND A TEXTILE PLANT COMPRISING SUCH APPARATUS

Title (de)  
VORRICHTUNG ZUM BEWEGEN VON SPULEN UND ROHREN FÜR EINE TEXTILANLAGE UND TEXTILANLAGE MIT SOLCH EINER VORRICHTUNG

Title (fr)  
APPAREIL POUR DÉPLACER DES BOBINES ET DES TUBES POUR UNE INSTALLATION TEXTILE ET INSTALLATION TEXTILE COMPRENANT UN TEL APPAREIL

Publication  
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Application  
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Abstract (en)  
An apparatus (12) for moving bobbins and tubes in a textile plant (14) comprises at least one group of at least two spinning machines (100; 200) and at least one winding machine (300). The apparatus (12) comprises an outward conveyor (102; 202) and a return conveyor (104; 204) for each spinning machine (100; 200); the outward conveyor (102; 202) is adapted for transporting bobbins in output from the respective spinning machine (100, 200); the return conveyor (104, 204) is adapted for transporting tubes entering the respective spinning machine (100, 200). The apparatus further comprises a sorting device (400) comprising a conveyor station (402) at which the outward conveyors (102; 202) converge, and a redistribution station (404) at which the return conveyors (104; 204) converge. The conveyor station (402) and the redistribution station (404) are connected by means of a conveyor (406) and a redistribution conveyor (408), respectively, to a bobbin input line (302) to the at least one winding machine (300) and to a bobbin output line (304) from the at least one winding machine (300). The conveyor station (406) and the redistribution station (408) are adapted for redistributing the bobbins or tubes respectively to the bobbin input line (302) or to the return conveyors (104; 204) based on predetermined operating parameters of the bobbins and tubes to be redistributed. The spinning machines are substantially aligned [Fig. 1]

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