

Title (en)

DEVICE FOR TRANSFERRING THE BEGINNING OF A SPOOL OR COP FROM THE CORE OF THE SPOOL TO A WINDER

Publication

EP 0213457 B1 19890222 (DE)

Application

EP 86111012 A 19860809

Priority

DE 3531263 A 19850831

Abstract (en)

[origin: US4722487A] In order to transfer the starting end (11) of a thread on a bobbin (1) or cop inserted in a bobbin holder (5) of a spooling frame (4), automatically from the bobbin (1) to a suction hole (3) of the spooling frame (4), a pneumatically operated conveyor device is used. The basic component of this device is a suction member (13) with a suction duct (14) formed of a pair of openable plates (26) and (27), and that can be moved as a unit forward and back in the direction of the axis of the bobbin. Its centering funnel (17) is positioned over the free opening (12) of the bobbin in which the starting end (11) of the thread has previously been tucked. By suction or aspirating compressed air, the starting end of the thread is sucked out of the core and into the suction hole (3). To release the thread connection thus created from bobbin opening (12) to suction opening (3), the suction duct (14) is opened by means of its openable plates (26) and (27). This suction device is preferably combined with a release device for the suction hole (3) which at the appropriate time will control a closing member (21) to pivot or slide so that its through hole (22) is aligned with the suction hole (3) for uncovering or opening the latter.

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