

Title (en)

Process for moving the thread in a position for changing the traveller and device therefor

Title (de)

Verfahren zum Bewegen des Fadens in eine Position zum Wechseln des Ringläufers, sowie Vorrichtung hierzu

Title (fr)

Procédé et dispositif pour mouvoir le fil à une position pour changer le curseur

Publication

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Application

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Abstract (en)

[origin: US5794426A] PCT No. PCT/CH95/00264 Sec. 371 Date Aug. 5, 1996 Sec. 102(e) Date Aug. 5, 1996 PCT Filed Nov. 13, 1995 PCT Pub. No. WO96/19602 PCT Pub. Date Jun. 27, 1996A lever (30) is pivotably mounted about an axis Z on a carrier journal (24) which is pivotable about an axis X and with which electromagnets (46, 48) cooperate. The lever carries a thread-receiving member (20) and is under the effect of a tension spring (42). When the thread is intercepted by the thread-receiving member during the forward rotation of the cop, there follows a deflection of the thread-receiving member, which takes place with the tension spring being tensioned at the same time and which is caused by the thread, on a path approximate to the movement of the traveller on the ring. The tensioned tension spring pivots the thread-receiving member during the paying-out of thread which occurs as a result of the subsequent reverse rotation of the cop. As a result of the intermediate blocking about one of the axes, the thread-receiving member moves on a path lying approximately in a tangential plane relative to the ring. Starting from the old traveller retained on the ring, the thread is stretched on a threading-in zone extending in this plane. During the attachment of the new traveller onto the ring, the thread is grasped on the threading-in zone and is thereby threaded into the ring.

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