

Title (en)

Mechanism of self-control and automatic regulation of pressure and yarn consumption in rectilineal knitting machines.

Title (de)

Vorrichtung zur Selbststeuerung und automatischen Regelung von Fadenspannung und -verbrauch an Flachstrickmaschinen.

Title (fr)

Dispositif de contrôle et de réglage automatique de la tension et de la consommation de fil dans des métiers à tricoter rectilignes.

Publication

EP 0381908 A1 19900816 (EN)

Application

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Priority

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Abstract (en)

The mechanism is based in having available the pressure plates (5) with which the yarn tension is adjusted, in the situation of proximity with the side tensors (6), each of these incorporating a tiltable head (19) against a spring (21), which when tilting, actuates on an axle (17), housed in the hollow inside of the support (8) of the plates (5), and that, in turn, actuates on a special washer (14) located between the very plates (5) and the classical spring (11) which tends to press one against the other, with interposition of the yarn, so that the positional adjustment of this washer (14), determined by the angular or tilting position of the head (19), of the corresponding side tensor (6), determines the pressure between plates (5), same remaining self-controlled and self-regulated according to the very traction and consumption of yarn from the carriage of the machine.

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CPC (source: EP KR)

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Citation (search report)

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