

Title (en)

Yarn feeding finger control device for a circular knitting machine, in particular a single cylinder hose knitting machine.

Title (de)

Fadenführersteuerungsvorrichtung für eine Rundstrickmaschine, insbesondere ein Einzylinderstrumpfautomat.

Title (fr)

Dispositif de contrôle des guides-fil pour un métier à tricoter circulaire en particulier un métier à un cylindre pour bas.

Publication

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Application

EP 82100222 A 19820114

Priority

IT 2052681 U 19810120

Abstract (en)

For selectively controlling yarn feeding fingers (2) in a circular knitting machine the yarn feeding fingers (2) whereof are individually pivoted to a stationary structure (4) and movable between a rest position and an operative one, with the drive ends (2b) of the feeding fingers (2) there are associated respective electromagnets (11) the movable armatures (12) whereof act as by thrust application on the respective drive ends (2b) of the yarn feeding fingers (2). The selective energization of the various electromagnets (11) is accomplished through a memory device driven by a photoelectric unit located astride a disk formed with peripheral notches and made rigid with the machine main drum. Each forward step movement of the drum results in the sending of one or more pulses from the photoelectric unit to the memory device, wherein the knitting program is stored such that for each pulse or number of pulses there correspond an energization or de-energization control impulse to a given electromagnet (11).

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IPC 8 full level

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CPC (source: EP)

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