

Title (en)

CONTROL DEVICE FOR A CIRCULAR KNITTING MACHINE, IN PARTICULAR A HOSE KNITTING MACHINE

Publication

EP 0026425 A3 19810513 (EN)

Application

EP 80105686 A 19800922

Priority

IT 2615779 A 19791001

Abstract (en)

[origin: EP0026425A2] The invention provides a circular knitting machine, in particular a single or double cylinder hose knitting machine, wherein various operations, such as the advancement of the main drum (2), speed changing, needle selection, movement of the stitch-adjusting unit (3), etc. are controlled by an electronic programming unit instead of the traditional main chain. The electronic programming unit programmably controls a series of electro-mechanical transducers, preferably solenoid valves and pneumatic or hydraulic cylinders (12, 23), which determine the required movements of the machine operational members (2, 3). The programming unit is operative at each revolution of the machine to receive drive pulses from a revolution transducer. A considerable constructional simplification and adaptability of the machine to different knitting programs is thus achieved.

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CPC (source: EP)

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Citation (search report)

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