

Title (en)

Circular knitting machine with jacquard pattern control mechanism

Title (de)

Rundstrickmaschine Jacquardmustersteuervorrichtung

Title (fr)

Métier à tricoter circulaire comportant un mécanisme de contrôle de dessin jacquard

Publication

EP 0851051 B1 20030604 (EN)

Application

EP 97305169 A 19970714

Priority

US 77151996 A 19961223

Abstract (en)

[origin: EP0851051A2] A circular knitting machine and a jacquard pattern control mechanism therefor is provided in which knitting instrumentalities (27) slidably mounted in grooves in a rotating member, such as a needle cylinder, sinker cap or dial, are controlled by a rocker bar supporting member (40) slidably mounted in each groove behind the knitting instrumentality (27), the rocker bar supporting member (40) has at least one butt (41a) thereon and a rocker bar (44) pivotally mounted on the rocker bar supporting member and having magnetically attractable sections (44f, 44a) at opposite ends thereof. A magnetic attraction device (50) selectively attracts the magnetically attractable sections of the rocker bar to pivot the rocker bar to control the selection of knitting instrumentalities (27) to be moved from inactive to active positions, and a cam system (31, 32, 35, 46, 48) for moving the rocker bar supporting member (40) and selected knitting instrumentalities. <IMAGE> <IMAGE>

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