

Title (en)

Single cylinder circular knitting machine of the type having two needle-carrying structures, for knitting plain and purl stitches.

Title (de)

Rundstrickmaschine mit einem Zylinder und mit zwei Nadelbetten für das Stricken von Rechts- und Linksmaschen.

Title (fr)

Métier à tricoter circulaire à un cylindre et deux lits d'aiguilles pour tricoter des mailles endroit et envers.

Publication

EP 0038437 A1 19811028 (EN)

Application

EP 81102380 A 19810330

Priority

IT 2150080 A 19800418

Abstract (en)

In a single cylinder circular knitting machine having two needle beds or needle-carrying structures (1,2), for knitting plain and purl stitches, the upper needle-carrying structure (2) is arranged in the upper inner portion of the needle cylinder (3) and is made rigid therewith. It has needle tricks (16) of arcuate shape for corresponding arcuate needles (19), the center of curvature being located on the cylinder (3) side externally to the upper needle-carrying structure (2). The needles (16) are of the latch type, with the hook and latch being located on the convex side of the respective needles (16). The latter are controlled by means of cams (21,22) located substantially within the needle cylinder (3). In such a machine, the needle dial and related supporting and rotating means are totally absent, and it is possible to provide an equal number of needle tricks (4,16) in both needle-carrying structures (1,2).

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D04B 9/06

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CPC (source: EP)

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Citation (search report)

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EP 0038437 A1 19811028; IT 1141484 B 19861001; IT 8021500 A0 19800418; JP S56159329 A 19811208

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