

Title (en)
Improvements introduced in rectilineal knitting machines.

Title (de)
Flachstrickmaschinen.

Title (fr)
Métiers à tricoter rectilignes.

Publication
EP 0310730 A1 19890412 (EN)

Application
EP 87500065 A 19871005

Priority
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Abstract (en)
The invention refers to a series of improvements introduced in rectilineal knitting machines, having as purpose the obtention of a full automatization in the attaining of patterns of mesh transfers, concretely over one same knitting line and with selective side movement. In accordance with said improvements, the machine incorporates, besides the classical knitting lines (2A, 5A), respective auxiliary knitting lines (2B, 5B), mounted with possibility of slide on the former and which in turn constitute the physical support for a plurality of side transfer punches, numerically and positionally coincident with the needles of the corresponding knitting line, being these auxiliary knitting lines movable longitudinally with the concourse of step by step motors (9A, 9B) and through adequate transmissions (10, 11), so that each side transfer punch is susceptible of changing its position, passing from a situation of opposition to a certain needle, to the situation of opposition to an adjacent needle or to a needle separated two, three or more spaces from the primitive one, so that one needle assigns the mesh to a punch and through the programmed movement of the auxiliary knitting line which corresponds, said punch assigns the same mesh to a different needle of the same knitting line.

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Citation (search report)
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