

Title (en)
Improvements introduced in the needle plates of rectilineal knitting machines.

Title (de)
Nadelbetten einer Flachstrickmaschine.

Title (fr)
Lits d'aiguilles d'un métier à tricoter rectiligne.

Publication
EP 0261048 A2 19880323 (EN)

Application
EP 87500057 A 19870917

Priority
ES 8601987 A 19860918

Abstract (en)
The present invention refers to a series of improvements in the needle plates (3) of rectilineal knitting machines, intended to minimize the wearing effects caused by the needles in said needle plates (3) in the normal operation of the knitting machine, especially with stiff and little elastic yarns. Specifically they consist in the disposition, on each of the needle plates of the machine, of a longitudinal channel in which it is coupled, with an exchangeable character, a milled ruler (5) on which are established beds for the needles in continuity with those of the rest of the needle plate (3), being these rulers (5) of a material with a great hardness and being intended to withstand the friction effects produced by the needles (1) in their alternative movement, due to the traction or stretching caused in turn by the stretcher of the fabric (4).

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