

Title (en)

Linear shed multiphase loom.

Title (de)

Reihenfachwebmaschine.

Title (fr)

Métier à tisser multiphase à foule linéaire.

Publication

EP 0515306 B1 19950329 (DE)

Application

EP 92810272 A 19920413

Priority

CH 150091 A 19910521

Abstract (en)

[origin: EP0515306A1] The invention shows a linear-shed multi-phase loom having a weaving rotor (1) and insertion elements (2) which insert the warp yarns (3) into high and low shedding points of the weaving rotor (1), whilst the weaving rotor combs rotationally through the sheds (6) thus formed, until a weft (7) shot in in the meantime butts against a stop strip (8). According to the invention, warp yarns (3a, 3b) are inserted into the gaps (11) of the combs, the low points (5) of a warp yarn (3) being located in gaps (11) aligned in the direction of rotation (9), and the high points (4) for a warp yarn (3a, 3b) being formed by a longitudinal yoke (13a, 13b), extending along the direction of rotation (9), as a saddle point of drop wires (12), aligned with one another in the direction of rotation (9) and allocated to the warp yarn, between a stop tab (14) and a holding tab (15). When there are two warp yarns (3a, 3b) in a gap (11), for crossing-free insertion the drop wires adjacent on the left are allocated to the left-hand warp yarn and the drop wires adjacent on the right are allocated to the right-hand warp yarn for the possible high points (4). <IMAGE>

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