

Title (en)
LINEAR SHED MULTIPHASE WEAVING MACHINE WITH A WEAVING ROTOR

Publication
EP 0012253 B1 19830309 (DE)

Application
EP 79104657 A 19791123

Priority
CH 1251278 A 19781207

Abstract (en)
[origin: US4291729A] A multiple longitudinal traversing shed weaving apparatus comprises a weaving rotor having beat-up or beating elements for the inserted weft threads and shed-retaining elements which retain the warp threads, throughout a predetermined path, in their upper shed position or lower shed position. Each intermediate space between neighboring beat-up elements has operatively associated therewith a respective shed-retaining element which determines the upper shed position or lower shed position. Control means are arranged forwardly of the weaving rotor, viewed in the direction of travel of the warp threads, and serve for the lateral deflection and selective allocation of the warp threads at a shed-retaining element which determines the upper shed position or lower shed position. The control means possesses stroke adjusting elements in the weft direction which are constituted by rods or bars extending in the weft direction. These rods are connected with an actuation device of the type used in a conventional dobby loom.

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CPC (source: EP US)
D03C 13/00 (2013.01 - EP US); **D03D 41/005** (2013.01 - EP US)

Citation (examination)
CH 543621 A 19731031 - RUETI AG MASCHF [CH]

Cited by
DE3406129C1; EP0154148A1; FR2492419A1; US5947162A; EP0111071A3; EP0645482A1; US5518038A; US5657796A; WO9638610A1

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