

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

Publication  
**EP 0013321 B1 19830202 (DE)**

Application  
**EP 79104656 A 19791123**

Priority  
CH 1251178 A 19781207

Abstract (en)  
[origin: US4290458A] A multiple longitudinal traversing shed weaving apparatus comprises a weaving rotor having beating elements for the laid or inserted weft threads and shed-retaining elements which retain the warp threads, throughout a predetermined path, in their upper shed position and lower shed position. Each intermediate space between neighboring beating or beat-up elements has operatively associated therewith a respective shed-retaining element which determines the upper shed position or lower shed position and, viewed in the direction of travel of the warp threads, there is arranged forwardly of the weaving rotor a control means for the lateral deflection and selective allocation of the warp threads to a shed-retaining element which determines the upper shed position or lower shed position. Between each two respective beat-up elements, following one another in the direction of rotation of the weaving rotor, there is arranged at the weaving rotor a respective guide element for the warp threads, whose line of alignment is located within the intermediate space between beat-up elements neighboring one another in the weft direction.

IPC 1-7  
**D03D 47/26**; **D03C 13/00**

IPC 8 full level  
**D03D 47/26** (2006.01); **D03C 13/00** (2006.01); **D03D 41/00** (2006.01); **D03D 47/00** (2006.01)

CPC (source: EP US)  
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Cited by  
EP0154148A1; EP0592749A1; US5950685A; EP0584433A1; US5941288A; BE1010556A3; EP0645483A1; US5503194A; WO9638614A1; WO9638611A1

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