

Title (en)
GRIPPER WEAVING MACHINE

Title (de)
GREIFERWEBMASCHINE

Title (fr)
METIER A TISSER A PINCE

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Application
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Abstract (en)
[origin: US5806570A] PCT No. PCT/CH95/00167 Sec. 371 Date Feb. 14, 1997 Sec. 102(e) Date Feb. 14, 1997 PCT Filed Jul. 25, 1995 PCT Pub. No. WO96/05344 PCT Pub. Date Feb. 22, 1996A gripper weaving machine has at least one gripper which is arranged at weft band and guided so as to reciprocate in a shed. The weft band is guided in the shed on both sides in guide recesses of guide pins at a distance from the warp threads. Each of the guide recesses of the guide pins adjacent a weaving reed has a lower guide surface which ends at least parallel to the plane of the weft band and an upper guide surface opening toward the weft band at an angle relative to the plane of the weft band. The edge of the weft band engaging in the guide recesses has a cross section adapted to the shape of the guide recesses. The angle of the upper surface of the guide pins adjacent to the weaving reed is dimensioned such that the upper guide surface, when exiting from the lower shed and intersecting the warp threads, forms an angle with the warp threads which is greater than or equal to 5 degrees. In addition, the weft band has a protruding portion on the underside and between the edges of the weft band.

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