Title (en)
  NEEDLE LOOM WITH A SLIDING SHANK

Title (de)
  NADELMASCHINE MIT SCHUBSTANGE

Title (fr)
  AIGUILLETEUSE A TIGE COULISSANTE

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Application
  EP 95942220 A 19951207

Priority
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Abstract (en)
  [origin: US5864930A] PCT No. PCT/FR95/01619 Sec. 371 Date Jul. 16, 1997 Sec. 102(e) Date Jul. 16, 1997 PCT Filed Dec. 7, 1995 PCT Pub.
  No. WO96/17988 PCT Pub. Date Jun. 13, 1996A needle loom including a support and a stripper defining a path for a fiber lap. A needle board
  supported by sliding shanks moves back and forth between a maximum penetration position and a retracted position, by means of a connecting rod/
  crank assembly including a connecting rod hingedly connected to the sliding shank. The shank is guided by slide bearings secured to a mounting
  which is angularly adjustable about the shank axis so that the axis of ovality can be moved periodically relative to the main direction in which
  lateral stress is exerted on the bearings as a result of the angular displacement of the connecting rod. The service life of the bearings may thus be
  extended, while reducing maintenance requirements.

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