

Title (en)

ENABLING AND DISABLING DEVICE FOR THE NEEDLE-CARRIER RODS AND PIERCER-CARRIER RODS ACCORDING TO A PRESETTABLE PROGRAM, IN PARTICULAR FOR A SHUTTLE EMBROIDERY MACHINE

Publication

EP 0230211 B1 19900829 (EN)

Application

EP 86830154 A 19860606

Priority

IT 1912986 A 19860121

Abstract (en)

[origin: EP0230211A2] A device for enabling and disabling of needle-carrier rods and piercer-carrier rods according to a presettable program is described, in particular for a shuttle embroidery machine. The device includes disengageable means for coupling said needle-carrier rods and said piercer-carrier rods to a single drive bar for reciprocating motion, each of said means being actuated by two rod assemblies, movable against the bias of resilient means, each of said rods of each of said assemblies extending rearwardly and laterally of said needle-carrier rods and of said piercer-carrier rods and being provided, at the lower end thereof, with substantially radially protruding portions, the protruding portions of the rods associated with the needle-carrier rods being offset relative to the protruding portions of the rods associated with the piercer-carrier rods, there being further provided means for simultaneous disabling of all the needle-carrier rods cooperating with the projecting parts of the rods associated therewith, and means for simultaneous disabling of all the piercer-carrier rods cooperating with the projecting parts a of the rods associated therewith, as well as disengageable means for temporarily locking in the inactive condition the rods associated with the needle-carrier rods and the rods associated with the piercer-carrier rods, said locking means separately cooperating with each of said protruding portions of the rods associated with the needle-carrier rods and of the rods associated with the piercer-carrier rods.

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