

Title (en)
DEVICE FOR COUPLING A HEALD FRAME WITH A HEALD FRAME HOLDER

Publication
EP 0447676 A3 19911127 (DE)

Application
EP 90125413 A 19901224

Priority
CH 9000004 W 19900112

Abstract (en)
[origin: WO9110763A1] A device for coupling a heald frame with a heald frame support (5) has a toggle lever-type lock (8) articulated by means of a swivelling axis (13) to the upper end of the heald frame support (5). The lock has a paired lever consisting of two parallel levers (14, 15) which swivels about the swivelling axis (13). An actuating lever (17) is pivotally articulated to the other end of the paired lever by means of an axis (16). In the actuating lever (17), which is designed as a hollow rod, a bolt (19) is pivotally arranged on the axis (16). The hollow rod (17) has elongated holes (18) through which the axis (16) extends and can therefore slide longitudinally relative to the bolt (19). The hollow rod (17) is forced slightly outwards by the force of an inbuilt, preloaded pressure spring (23), which abuts on a nut (21) screwed onto the end of the bolt (19) when a wedge-shaped pressure head (24) at the front end of the heald frame (17) engages in a catch recess (25) on a shaped piece (11) screwed onto the side support (3) when the lock (8) swivels into the locking position. The side support (3) and the heald frame support (5) fitted with the swivelling lock (8) are thereby pressed against each other. In the end position of the lock, an upper dead centre position is reached. This device, with its quick lock, can quickly couple or separate the heald frame and the heald frame support and replaces conventional coupling pieces.

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Citation (search report)
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