

Title (en)

Linking machine capable of locking the linking chain-stitch so as to prevent unraveling

Title (de)

Kettelmaschine geeignet zum Schliessen des Kettenstichs um Nahtlockerung zu verhindern

Title (fr)

Remailleuse apte à fermer la couture point de chaînette pour éviter que la couture se défasse

Publication

**EP 1422331 A1 20040526 (EN)**

Application

**EP 03024503 A 20031024**

Priority

IT MI20022442 A 20021118

Abstract (en)

A linking machine (1) capable of locking a linking chain-stitch so as to prevent unraveling, comprising a frame (2) that supports, so that it can rotate about its own axis (3a), a point dial (3) that is provided peripherally with multiple points that are orientated radially and are distributed uniformly around the axis of the point dial. The frame (2) supports, proximate to a peripheral region of the point dial, a needle (5) that can move on command along its own axis with an alternating motion that has a radial component with respect to the point dial (3) in order to enter one of the points (4) in each instance. The machine also comprises auxiliary means (6), which cooperate with the needle (5) in the forming of chain-stitches, and means for actuating the point dial with a rotary motion about its own axis, for actuating the needle with an alternating translational motion along its own axis, and for actuating the auxiliary means (6) with a motion that is correlated to the motion of the needle in order to form a chain-stitch at each forward and return motion of the needle along its own axis. The machine also comprises unraveling prevention means, which are adapted to return or retain a same point (4) along the path of the needle (5) during the execution of at least two consecutive forward and return motions of the needle (5) along its own axis. <IMAGE>

IPC 1-7

**D05B 7/00**

IPC 8 full level

**D05B 7/00** (2006.01)

CPC (source: EP)

**D05B 7/00** (2013.01)

Citation (search report)

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