

Title (en)
Warp knitting machine with needle presser pattern device

Title (de)
Kettenwirkmaschine mit Musterpresse

Title (fr)
Métier à tricoter chaîne à dispositif de dessin presse-aiguilles

Publication
EP 1088923 A3 20010905 (DE)

Application
EP 00120354 A 20000916

Priority
DE 19946859 A 19990930

Abstract (en)
[origin: EP1088923A2] A warp knitting machine, comprises a piezoelectric bending transducer having a fixed end, distal to a corresponding pressing element, and a free end, proximate to the corresponding pressing element. The free end is displaceable between a first position where press contact occurs, and a second direction in response to the extension of the free end in the longitudinal direction. A warp knitting machine, comprises bearded needles (5), a pattern press, and piezoelectric bending transducers (22). Each bearded needle has a hook (19), and the pattern press includes a driven press bar (10), and individually and selectively controllable pressing elements (26). Each pressing element is aligned with a corresponding needle for contacting the hook. Each piezoelectric bending transducer has a fixed end distal to a corresponding pressing element, and a free end (25), proximate to the corresponding pressing element. The free end extends in a longitudinal direction toward the corresponding pressing element and displaces in a direction transverse to the longitudinal direction between a first position where press contact occurs and a second direction.

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D04B 35/02 (2013.01 - EP US); **D04B 35/10** (2013.01 - EP US)

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• [AD] DE 455428 C 19280201 - BRUNO KNOBLOCH
• [AD] DE 4418714 C1 19950622 - MAYER TEXTILMASCHF [DE]
• [A] GB 263508 A 19270104 - WILHELM BARFUSS

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