

Title (en)

Modular device for piezoelectric selection of control elements, such as the needles of a knitting machine or similar

Title (de)

Modulare Vorrichtung für Piezoelektrische Auswahl von Steuerelementen, wie die Nadeln einer Strickmaschine oder dergleiche

Title (fr)

Dispositif modulaire pour la sélection piezoélectrique d'éléments de commande, comme les aiguilles d'un métier à tricoter ou similaire

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Application

EP 99110768 A 19990604

Priority

IT TO980484 A 19980604

Abstract (en)

The device has a number of selection levers (6) rotating about a corresponding number of parallel pivots (7), and a number of piezoelectric actuators (18) connected to the levers (6) and fitted to corresponding bases (23). The levers (6) and actuators (18) are housed in a casing (31) defined by a frame (13) for supporting the levers (6) and by two walls (26, 28) for supporting the actuators (18). The device is provided with adjusting means (64) for adjusting the relative position between the actuators (18) and the selection levers (6); and each actuator (18) carries a group of three rigid pins (38, 40, 41) which fit inside corresponding bushes (48) located on a printed-circuit board (47) and connected electrically to a number of other pins (46) of a multiple connector (35) in turn connected to the casing (31). <IMAGE> <IMAGE>

IPC 1-7

D04B 15/78

IPC 8 full level

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CPC (source: EP)

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