

Title (en)

High speed electromagnetic actuator, particularly for selection devices in knitting machines for hosiery and the like.

Title (de)

Elektromagnetisches Hochgeschwindigkeitsbedienungselement, insbesondere für Auswahlvorrichtungen an Strumpfstrickmaschinen und dergleichen.

Title (fr)

Élément de commande électromagnétique à grande vitesse, notamment pour des dispositifs de sélection à des métiers à tricoter des bas et semblables.

Publication

**EP 0279309 A2 19880824 (EN)**

Application

**EP 88101778 A 19880208**

Priority

IT 1939687 A 19870216

Abstract (en)

The present invention relates to a high speed electromagnetic actuator (1), particularly for selection devices in knitting machines for hosiery and the like. The actuator (1) comprises a frame (2) oscillably supporting a lever (3) having a portion pivotally connected to the frame (2) and at least one electromagnet (4,5) which acts on the lever (3), to cause oscillation thereof; the lever (3) has at least one ledge (12,13) made of ferromagnetic material which extends in the direction of the nucleus (7,8) of the electromagnet (4,5). A synthetic, anti-wear, anti-magnetic material (20) is moulded at least on the reciprocally facing portions of the cited ledge (12,13) and the nucleus (7,8) of the electromagnet (4,5).

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