

ABSTRACT

The present invention relates to a movable coil unit (22) used with a swinging actuator having a cylindrical base (14) with arms (12); a movable coil (24) coupled to the opposite cylindrical base side from the arms thorough a hold coupler (16); and terminal pins (28) for connection of respective wire ends from the coil. The movable coil unit (22) provides accurate locations of the terminal pins with respect to the coil and the arms during the production. It has a substantially trapezoidal shaped and wire-wound frame member (23), and a terminal pin holder (31) fixed on the short edge (25) of the frame member and having terminal pins (28) which is fixedly supported in its terminal pin support (38) through a first mold, and a protrusion (39), which is chucked by automatic machinery when carried into the second mold.

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