

Title (en)
PROPORTIONAL MECHANO-ELECTRONIC ACTUATOR MEANS.

Title (de)
PROPORTIONALE ELEKTRONISCH-MECHANISCHE BETAETIGUNGSEINRICHTUNG.

Title (fr)
ELEMENT ACTIONNEUR MECANO-ELECTRONIQUE PROPORTIONNEL.

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Abstract (en)
[origin: WO9216756A1] The invention relates to a proportional mechanical actuator for a device linearly controllable by a pressure fluid, the actuator being intended to be connected between a pressure source (P) and the device (60) to be controlled, comprising a proportional magnet (1); a pilot control spindle (3) arranged to be movable in a pilot control body (5) by the proportional magnet (1) for opening and closing different pressure fluid conduits (A, B, P, T); a positioner (11) for the device (60), the positioner (11) being linearly controllable in two directions by the pilot control spindle (3) so that the spindle (3) tends to keep the positioner (11) at each particular moment in a predetermined position corresponding to a control signal supplied by an electric control unit (70) of the actuator so as to linearly control the device (60) through a control spindle (14) or other similar external coupling device of the actuator. A position sensor (13) electrically sensing the position of the positioner (11) is provided in a substantially cylindrical means (12) defining a space where the positioner (11) moves, the position sensor comprising a winding fitted around the means (12).

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