

Title (en)

Oleo-pneumatic device for actuating electric switches

Title (de)

Oleopneumatische Betätigungsvorrichtung für elektrische Schalter

Title (fr)

Dispositif oléopneumatique pour actionner des mécanismes électriques

Publication

EP 0822341 A2 19980204 (EN)

Application

EP 97111926 A 19970714

Priority

IT MI961507 A 19960719

Abstract (en)

An oleo-pneumatic device for actuating electric switches which comprises: a cylinder (1) inside which a free piston (2) can slide so as to define a chamber (24) which contains a working fluid (24); a pump (20) for applying pressurized oil (21) to the piston (2) in order to compress the working fluid (24); control means for stopping the pump when the compressed fluid reaches a preset volume; and means for discharging the oil (21) towards a low-pressure circuit (BP) in order to quickly release any excess stored energy. The control means comprise a microswitch (5) for stopping the pump (20), whose position is a function of the temperature of the working fluid; the microswitch (5) cooperates with a profiled actuation element (6) driven by the compression movement of the piston (2). <IMAGE>

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