

Title (en)
DEVICE FOR CONTROLLING A REGULATOR

Title (de)
EINRICHTUNG ZUM STEUERN EINES STELLGERÄTS

Title (fr)
DISPOSITIF POUR COMMANDER UN APPAREIL DE REGLAGE

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Application
EP 99945923 A 19990705

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Abstract (en)
[origin: WO0009867A1] The invention relates to a regulator comprising a gas shuttle valve and an electromagnetic actuator (11) including at least one electromagnet having a coil (113), in addition to an armature whose plate (116) can move between a first bearing surface (115a) on the electromagnet and a second bearing surface (115b). A device for controlling the regulator comprises an output stage (32) designed to control the coil (113). The output stage (32) has an electric energy storage that is charged by the coil (113) in a predetermined operating state. The control unit (31) controls the output stage (32) in a rapid current (SB) operating mode (BZ1) when a given condition is met indicating the presence of the armature plate (116) on the first bearing surface (115a) or the imminent fall back of the armature plate (116) to a rest position (R), wherein the energy stored in the electric energy storage is fed to the coil (113) in the rapid current (SB) operating mode (BZ1).

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