

Title (en)

APPARATUS FOR DRIVING ELECTRICALLY OPERABLE VALVES IN VARIOUS MODES OF OPERATION

Title (de)

VORRICHTUNG ZUM ANSTEUERN ELEKTRISCH BETÄTIGBARER VENTILE IN VERSCHIEDENEN BETRIEBSARTEN

Title (fr)

DISPOSITIF DE COMMANDE DE SOUPAPES À COMMANDE ÉLECTRIQUE EN DIFFÉRENTS MODES DE FONCTIONNEMENT

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2013092169A1] The invention relates to an apparatus for driving an electrically operable valve which has a valve coil (1a, 1b), comprising: a main switch (5a, 5b), which is arranged in the electrical circuit of the valve coil (1a, 1b), for setting the current flowing through the valve coil (1a, 1b), and a freewheeling path (6a, 6b) which is connected parallel to the valve coil (1a, 1b) and has a freewheeling diode (3a, 3b). The invention provides a freewheeling switch (2a, 2b) by means of which the freewheeling path (6a, 6b) can be interrupted or closed. As a result, it is possible to operate the valve selectively in a PWM mode or in a switching mode.

IPC 8 full level

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Citation (search report)

See references of WO 2013092169A1

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