

Title (en)

ACTUATOR DEVICE AND METHOD FOR OPERATING SUCH AN ACTUATOR DEVICE

Title (de)

AKTORVORRICHTUNG SOWIE VERFAHREN ZUM BETREIBEN EINER SOLCHEN AKTORVORRICHTUNG

Title (fr)

DISPOSITIF ACTIONNEUR AINSI QUE PROCÉDÉ POUR FAIRE FONCTIONNER UN TEL DISPOSITIF ACTIONNEUR

Publication

**EP 3847374 B1 20230104 (DE)**

Application

**EP 19753029 A 20190808**

Priority

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Abstract (en)

[origin: WO2020048723A1] In order to be able to bring about a desired state of a system quickly and reliably, the invention provides an actuator device (10), which has: an output element (12), which is able to be acted on by a fluid and as a result is movable into a holding position (H); two solid-state actuators (20, 22), which are able to be activated alternately; a coupling element (28) common to the solid-state actuators (20, 22); a discharge duct (34), via which the fluid is able to be discharged from the output element (12); and at least one valve element (36), which is adjustable between a blocking closed state and an open state, in which the valve element (36) allows the fluid to be discharged from the output element (12) via the discharge duct (34) and as a result allows the output element (12) to move from the holding position (H) into at least one yielding position (A), wherein the valve element (36) is actuatable, via the coupling element (28) of the respective solid-state actuator (20, 22), by the respective activation of the solid-state actuator (20, 22) and as a result is able to be moved into the closed state.

IPC 8 full level

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