

Title (en)
PASSIVE CONTROL ELEMENT

Title (de)
PASSIVES STELLGLIED

Title (fr)
ACTIONNEUR PASSIF

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Application
EP 03720442 A 20030409

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Abstract (en)
[origin: WO03087589A1] The invention relates to a control element that realizes controlling functions in a small space and with a low consumption of energy whereby being able to absorb high levels of stress. The inventive passive control element comprises a housing (1) that encloses a sealed, fluid-filled clean space (2). All the elements located inside the clean space are protected from soiling. The control element function is realized by means of two force elements consisting of a force introducing element (4) and of a force take-over element (21), whereby both force elements can also be joined as one. Different controlling states are distinguished by different force conveyance possibilities between the force introducing element and the force take-over element. In controlling states, the free-running state and the coupled state are differentiated in that during the coupled state, a transmission of force from the force introducing element to the force take-over element ensues. The invention is particularly advantageous in that a change in the controlling states ensues without a transmission of force, and thus without a transmission of energy, from the controlling mechanism to the force elements.

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