

Title (en)
VALVE DEVICE AND METHOD

Title (de)
VENTILEINRICHTUNG UND VERFAHREN

Title (fr)
DISPOSITIF DE SOUPAPE ET PROCÉDÉ CORRESPONDANT

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Application
EP 14720501 A 20140331

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Abstract (en)
[origin: WO2014161809A1] The invention relates to a valve device (1) and to a damper (100) having a valve device (1), and to a method for operation. The valve device (1) comprises a flow channel (3), through which a magnetorheological medium (2) flows. A control device (7) is provided. A magnetic circuit device (8) provides a magnetic field (9) in the flow channel (3). The magnetic circuit device (8) comprises a hard magnetic magnet component (11, 12) and at least one electrical coil (10) that can be controlled by the control device (7). The magnetic circuit device (8) has two segments (21, 22), which differ in the dynamic magnetic properties thereof. Thus, by means of the magnetic pulse (13) that can be output by the electrical coil (10), a specific inhomogeneity of the magnetic field (9) in the flow channel (3) can be set and can be stored in the hard magnetic magnet component (11, 12).

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