Title (en)
   FLOW STOP VALVE

Title (de)
   DURCHFLUSSSPERRVENTIL

Title (fr)
   SOUPAPE D'ARRÊT D'ÉCOULEMENT

Publication
   EP 2156078 A1 20100224 (DE)

Application
   EP 08749283 A 20080430

Priority
   • EP 2008003536 W 20080430
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Abstract (en)
   [origin: WO2008138496A1] The invention relates to a flow stop valve for opening and closing a fluid connection between a first and a second space, particularly the blocking fluid chamber of a slip ring sealing arrangement acted upon by a blocking fluid and a space outside of the blocking fluid chamber, having a housing (1), a fluid flow passage (2) in the housing, a first valve seat (11) on the fluid flow passage, and a closing element (6) axially displaceably disposed in the fluid flow passage and pretensioned in a first position in a sealing relationship with the first valve seat by a pretensioning force and moveable against the pretensioning force into a second position, clearing the fluid flow passage. An actuating element (16) that can be engaged with the closing element (6) and can be subjected to the fluid in the first space is designed in order to exercise an axial force on the closing element in the direction of the second position thereof under the influence of a temperature change of the fluid, in order to move the closing element into the second position against the pretensioning force when a specified fluid temperature is exceeded, the closing element being relieved of fluid pressure in the first and second positions.

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