

Title (en)
THERMOSTATIC VALVE

Title (de)
THERMOSTATVENTIL

Title (fr)
SOUPAPE THERMOSTATIQUE

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Application
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Abstract (en)
[origin: WO2016169809A1] The invention relates to a thermostatic valve (1) for the temperature-dependent control of a fluid flow (2), said valve comprising a housing (3) having a first fluid channel opening (4), a second fluid channel opening (5) and a third fluid channel opening (6), a temperature-dependent expandable element (8), a valve body (9) having a plurality of openings (10, 11, 12), a restoring spring (13) and a spindle element (14) having a threaded section (15) and two end-face, opposite lying receptacles (16, 17), wherein the restoring spring (13) is supported on one side on the housing and on the other side in the first receptacle (16) of the spindle element (14), the expandable element (8) is supported on one side on the housing (3) and on the other side in the second receptacle (17) of the spindle element (14), and the valve body (9) has engaging noses (18) which are operatively connected to the threaded section (15) such that during an axial movement of the spindle element (14), the valve body (9) rotates and thus the fluid flow (2) is distributed to the three fluid channel openings (10, 11, 12).

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