

Title (en)

FAST RESPONSE THERMOSTATIC ELEMENT, A CARTRIDGE AND VALVE PROVIDED WITH SAID ELEMENT

Title (de)

SCHNELL ANSPRECHENDES THERMOSTATISCHES ELEMENT UND KASSETTE UND VENTIL MIT DEM ELEMENT

Title (fr)

ELEMENT THERMOSTATIQUE A REPONSE RAPIDE, AINSI QUE CARTOUCHE ET ROBINET EQUIPES D'UN TEL ELEMENT

Publication

**EP 1828864 A1 20070905 (FR)**

Application

**EP 05826559 A 20051219**

Priority

- FR 2005003180 W 20051219
- FR 0413576 A 20041220

Abstract (en)

[origin: WO2006067320A1] The inventive thermostatic element comprises a cup (1) containing a material (3) which is expendable and contractile according to the direction of the temperature variation thereof and a piston (5) which is movable with respect to the cup in the axial direction (X-X) thereof and is coupled to the expendable and contractile material in such a way that it is displaceable in the opposite direction according to the material expansion or contraction. In order to reduce the element response time in a simple and reliable manner, the cup (1) is embodied in one metal piece which internally delimits at least two distinct internal cavities (14A) for receiving at least one part of the expendable and contractile material (3).

IPC 8 full level

**G05D 23/02** (2006.01)

CPC (source: EP US)

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Citation (search report)

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