

Title (en)

Three-way valve for gas boiler.

Title (de)

Dreiweg-Ventil für Gaskessel.

Title (fr)

Valve à trois voies pour chaudière à gaz.

Publication

EP 0374727 A1 19900627 (EN)

Application

EP 89123125 A 19891214

Priority

IT 1813788 A 19881219

Abstract (en)

The invention relates to a three-way valve for gas boiler, adapted to receive warm water produced by the burner (4) and comprising a shutter (10) adapted to selectively open the warm water outflow port (5) toward the heating circuit and the warm water outflow port (8) toward means which allow to transfer all the heat developed by the burner to the water of the sanitary circuit, the shutter (10) being actuated by a motor characterized in that it comprises a heat-sensitive element (14) which is adapted to axially expand as the temperature rises, acts on the shutter in contrast with elastic means (10R, 10C) and is inserted in a coupling associated with the valve and adapted to be flown by the sanitary-circuit cold water entering the boiler so as to be lapped at least by said cold water.

IPC 1-7

F24D 19/10

IPC 8 full level

F24D 19/10 (2006.01)

CPC (source: EP US)

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Citation (search report)

- [X] DE 2034636 A1 19711230
- [X] DE 2119622 B1 19720504
- [A] FR 1388943 A 19650212 - GEN THERMIQUE

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