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| (30) | Priority: 17.03.1999 ES 9900547   |  |  |  |

## (54) Safety gas valve with an electromagnet

(57) The flame safety gas valve is built into a domestic tap and has an electromagnet (2), energised with DC voltage, and a moving armature (4a) with a valve sealing member (4) coupled, a seat (5) for supporting the core (11) connected to a ground (9) lead, and a connecting washer (7) with a central plug connected to phase (8) lead. The electromagnet (2) is built with a Ushaped core (11), which is linked to the connecting washer (7), and with two coils (12, 12') each wound on a respective semi-bobbin (13, 13'). The electromagnet is coupled (6,10,16,17) both electrically and mechanically to the safety gas valve.





European Patent Office

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