

Title (en)

VALVE FOR REGULATING THE FLOW RATE OF FUEL GAS AS A FUNCTION OF THE TEMPERATURE

Publication

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Application

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Abstract (en)

[origin: US4539974A] PCT No. PCT/DE82/00194 Sec. 371 Date Jun. 6, 1983 Sec. 102(e) Date Jun. 6, 1983 PCT Filed Oct. 9, 1982 PCT Pub. No. WO83/01369 PCT Pub. Date Apr. 28, 1983. A hair curling unit, for example a curling iron, which has a catalytically acting heating device, wherein a regulator device is situated between the gas supply chamber which contains the fuel gas and the winding body. The movable valve element (13) of said regulation device is guided in an integrally designed regulator frame (40). Here, the regulator frame also comprises the valve seat (33), the bearing pin (34) for the regulating lever (16), and the spring collet (41) for the bimetallic temperature measuring element. The regulator device, as an independent component, is solidly connected with the handle part which encloses the gas supply chamber. Thus, the material changes which occur during operation-for example the swelling of plastic parts-do not cause any change of the distance between the headpiece of the regulator rod and the valve seat (33).

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