

Title (en)

DEVICE FOR THE INJECTION OF FUEL INTO COMBUSTION CHAMBERS

Publication

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Application

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Abstract (en)

[origin: US4627405A] PCT No. PCT/DE84/00073 Sec. 371 Date Jan. 14, 1985 Sec. 102(e) Date Jan. 14, 1985 PCT Filed Mar. 30, 1984 PCT Pub. No. WO84/04567 PCT Pub. Date Nov. 22, 1984. An apparatus for injecting fuel into combustion chambers, in particular of self-igniting internal combustion engines, is proposed, in which a fuel injection nozzle generates an aimed fuel spray and in which an air guide device and a heating device are provided. The fuel being injected is accompanied by an air flow which passes the heating device. The heating device has at least two heating elements of different effectiveness, of which at least one element serves for rapid heating and the other element is provided for continuous use.

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