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(54) **EXHAUST GAS PURIFICATION DEVICE FOR INTERNAL COMBUSTION ENGINE**

(57) There are provided a small-section catalyst (8) arranged in an exhaust passage (3) in an internal combustion engine and formed so that an exhaust gas flows between an outer peripheral surface of the small-section catalyst and a wall surface of the exhaust passage, a fuel injection valve (7) for injecting liquid fuel toward the exhaust passage upstream the small-section catalyst (8), a collision plate (19) provided in the exhaust passage upstream the small-section catalyst (8) and provided in a position where the fuel injected from the fuel injection valve (7) collides, and a heating device (21) capable of igniting the fuel injected from the fuel injection valve (7), wherein the small-section catalyst (8) and the collision plate (19) are decentered in a predetermined direction in the exhaust passage, and the fuel injection valve (7) injects the fuel in the predetermined direction toward the collision plate (19).

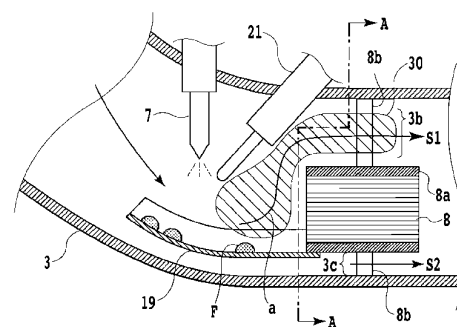


FIG.2