

Title (en)
Fuel injection system.

Title (de)
Kraftstoffeinspritzsystem.

Title (fr)
Système d'injection de carburant.

Publication
EP 0200063 A1 19861105 (EN)

Application
EP 86105077 A 19860414

Priority
US 72890285 A 19850430

Abstract (en)
A bistable fluidic switch (10) is switched from its stable state by a pin (19) inserted in the power nozzle (12) of the bistable fluidic switch (10), the pin (19) being controlled by an electromagnetic actuator (21) which is controlled from an electronic computer (22). The fluidic switch element (10) has a cross-over type interaction region (13) and a common outlet (16) leading to a pair of output passageways (17, 18), one of which (18) returns fuel to the supply tank, and the other of which (17) leads to the air intake manifold of the engine. Air is introduced into the output passageway (17) leading to the engine so as to air atomize the fuel before injection of same into the air intake manifold.

IPC 1-7
F15C 1/04

IPC 8 full level
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Citation (search report)

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EP 0200063 A1 19861105; EP 0200063 B1 19900117; AU 4367189 A 19900208; AU 5646786 A 19861106; AU 589417 B2 19891012; AU 625562 B2 19920716; BR 8601924 A 19861230; CA 1274130 A 19900918; DE 3668357 D1 19900222; JP H0759920 B2 19950628; JP S627953 A 19870114

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