

Title (en)
ELECTRICALLY ACTUATED FUEL INJECTION VALVE FOR INTERNAL-COMBUSTION ENGINES

Publication
EP 0204068 B1 19880615 (DE)

Application
EP 86102630 A 19860228

Priority
DE 3517258 A 19850513

Abstract (en)
[origin: US4711396A] In an electrically actuatable fuel-injection valve for internal combustion engines, a piezoelectric oscillator (radial oscillator 11) which is provided with electrodes has at least one fuel-receiving chamber (12). The chamber (12) is in communication with the fuel feed path (constant-volume chamber 20) and an ejection opening (bore 17). The oscillator (11) is mounted in a block (18) out of which the fuel feed path (constant-volume chamber 20) is also formed. Furthermore, a high-voltage generator (35) is located, electrically shielded from the outside, within the block (18), which consists of metal. The high-voltage generator is connected to the electrodes of the piezoelectric oscillator (11) via feed lines (14, 15) which are conducted within the block (18).

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IPC 8 full level
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CPC (source: EP US)
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• EP 0204070 A1 19861210 - VDO SCHINDLING [DE]
• EP 0203274 A1 19861203 - VDO SCHINDLING [DE]

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