

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

Publication
EP 0204070 B1 19890517 (DE)

Application
EP 86102635 A 19860228

Priority
DE 3517242 A 19850513

Abstract (en)
[origin: US4725003A] An electrically actuatable fuel-injection valve for internal combustion engines has a piezoelectric vibrator (1) provided with electrodes (2, 3). A fuel-receiving chamber (4) in the vibrator is in fuel-conducting communication with a fuel feed path (constriction 5) and an ejection opening (outlet opening). The fuel feed path as well as the ejection opening are so shaped that upon the application of a voltage to the electrodes (2, 3) the fuel is imparted a preferred movement (8) through the chamber to the ejection opening.

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F02M 51/06

IPC 8 full level
F02M 51/04 (2006.01); **F02M 51/06** (2006.01)

CPC (source: EP US)
F02M 51/04 (2013.01 - EP US); **F02M 69/041** (2013.01 - EP US); **F02M 2200/21** (2013.01 - EP US); **Y10S 261/48** (2013.01 - EP US)

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AT DE FR GB IT NL SE

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EP 0204070 A1 19861210; EP 0204070 B1 19890517; AT E43154 T1 19890615; DE 3517242 A1 19861113; DE 3663383 D1 19890622; JP S61261657 A 19861119; US 4725003 A 19880216

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