

Title (en)
Fuel injection system

Title (de)
Brennstoffeinspritzanlage

Title (fr)
Système d'injection de carburant

Publication
EP 1138919 A1 20011004 (EN)

Application
EP 00106967 A 20000401

Priority
EP 00106967 A 20000401

Abstract (en)
Fuel injection system and method for operating the fuel injection system, in which a piezoelectric element drives a valve for closing a pressurized fuel supply line by applying a voltage to said piezoelectric element, wherein the voltage necessary to close the pressurized fuel supply line is determined based upon the gradient or the derivative over time of the pressure in the pressurized fuel supply line. <IMAGE>

IPC 1-7
F02D 41/38; **F02D 41/20**; **H01L 41/04**; **F02M 51/06**

IPC 8 full level
F02D 41/20 (2006.01); **F02D 41/24** (2006.01); **F02D 41/38** (2006.01); **F02M 47/02** (2006.01); **F02M 59/46** (2006.01); **H10N 30/80** (2023.01)

CPC (source: EP)
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Citation (search report)
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• [A] PATENT ABSTRACTS OF JAPAN vol. 012, no. 057 (M - 670) 20 February 1988 (1988-02-20)

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Designated contracting state (EPC)
DE

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