

Title (en)
Fuel injection system

Title (de)
Brennstoffeinspritzanlage

Title (fr)
Système d'injection de carburant

Publication
EP 1139444 A1 20011004 (EN)

Application
EP 00106989 A 20000401

Priority
EP 00106989 A 20000401

Abstract (en)
Fuel injection system comprising a piezoelectric element for controlling the amount of injected fuel into a combustion engine, the fuel injection system further comprising a driving circuitry for driving the piezoelectric element, the driving circuitry comprising a buffer capacitor, wherein the voltage across the buffer capacitor and/or the charge the buffer capacitor is carrying is measured. <IMAGE>

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H01L 41/04; **F02D 41/20**; **F02M 51/06**

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H10N 30/80 (2023.01); **F02D 41/20** (2006.01)

CPC (source: EP)
F02D 41/2096 (2013.01); **F02D 2041/2003** (2013.01)

Citation (search report)
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• [XA] EP 0371469 A2 19900606 - TOYOTA MOTOR CO LTD [JP]
• [XA] US 5986360 A 19991116 - GERKEN HARTMUT [DE], et al

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EP1519025A3; WO2004003365A1

Designated contracting state (EPC)
DE

DOCDB simple family (publication)
EP 1139444 A1 20011004; **EP 1139444 B1 20100324**; DE 60044053 D1 20100506

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