

Title (en)

Hardware architecture of an automatic system for driving injector of an internal combustion engines

Title (de)

Hardware-Architektur eines automatischen Systems zur Ansteuerung eines Injektors einer Brennkraftmaschine

Title (fr)

Architecture d'un système automatique pour actionner un injecteur d'un moteur à combustion interne

Publication

**EP 1424478 A1 20040602 (EN)**

Application

**EP 02425732 A 20021128**

Priority

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Abstract (en)

The invention relates to a hardware architecture of a system (1) for driving injection in internal combustion engines (2), of the type intended to cooperate with an engine electronic control unit (ECU) by driving corresponding injection drivers (3). The system (1) comprises: a first I/O interface module (4) embedding a plurality of registers and receiving signals from said engine ECU; a second module (5) bi-directionally connected to the first module (4) from which it receives information at least on the injection times and the quantity of fuel to be injected for generating driving signals for said injection drivers (3), thereby actuating a desired injection profile; a third module (6) capable of emitting an interrupt signal toward said control unit (ECU) on the basis of signals received by said second module (5). <IMAGE>

IPC 1-7

**F02D 41/26**; **F02D 41/22**

IPC 8 full level

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CPC (source: EP)

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Citation (applicant)

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Citation (search report)

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