

Title (en)
SYSTEM FOR CONTROLLING AN ELECTRICAL INJECTOR VALVE

Publication
EP 0246357 B1 19880928 (DE)

Application
EP 86116751 A 19861202

Priority
DE 3616356 A 19860515

Abstract (en)
[origin: US4770178A] In a method for controlling an injection valve for an internal combustion engine in which the magnet coil of the injection valve is connected to pulsate current by means of a semiconductor switch to an operating voltage in such a way that, during a first time interval, a current which is sufficient to open the injection valve flows and that, following same, there is possibly a second time interval which is dependent on the intended injection time and has a current sufficient for holding the valve open. The first time interval is terminated by disconnection when the current has reached a peak value which is dependent in accordance with a predetermined function on the operating voltage.

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F02D 41/20

IPC 8 full level
F02D 41/20 (2006.01); **H01H 47/32** (2006.01)

CPC (source: EP US)
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Cited by
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DE FR GB IT SE

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EP 0246357 A1 19871125; EP 0246357 B1 19880928; BR 8701749 A 19880126; DE 3616356 A1 19871119; DE 3660827 D1 19881103; JP S6336044 A 19880216; US 4770178 A 19880913

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