

Title (en)

A control device for fuel injectors.

Title (de)

Steuervorrichtung für Kraftstoffeinspritzventile.

Title (fr)

Dispositif de commande d'injecteurs de carburant.

Publication

EP 0427127 A1 19910515 (EN)

Application

EP 90121007 A 19901102

Priority

IT 6796889 A 19891107

Abstract (en)

The device enables an injector (L) with a low resistance to be driven with a "peak & hold" function, reducing dissipation both in the control circuit and in the injector itself. For this purpose, the load constituted by the injector (L) is supplied by means of two power units (TR1, TR2) which are activated selectively by three timers (T1, T2, T3).

IPC 1-7

F02D 41/20

IPC 8 full level

F02D 41/20 (2006.01)

CPC (source: EP)

F02D 41/20 (2013.01); **F02D 2041/2027** (2013.01); **F02D 2041/2031** (2013.01)

Citation (search report)

- US 4536818 A 19850820 - NIELSEN ARNOLD D [US]
- US 453818 A 18910609
- US 4631628 A 19861223 - KISSEL WILLIAM R [US]
- FR 2345595 A1 19771021 - BOSCH GMBH ROBERT [DE]
- US 4213181 A 19800715 - CARP RALPH W [US], et al
- [A] PATENT ABSTRACTS OF JAPAN, vol. 9, no. 67 (M-366)[1790], 27th March 1985; & JP-A-59 200 024 (NIHON DENSHI) 13-11-1984

Cited by

US9228526B2; SE2150641A1; SE544931C2; JP2014020287A; WO2022245269A1

Designated contracting state (EPC)

BE CH DE ES FR GB LI NL SE

DOCDB simple family (publication)

EP 0427127 A1 19910515; IT 1238517 B 19930818; IT 8967968 A0 19891107; IT 8967968 A1 19910507

DOCDB simple family (application)

EP 90121007 A 19901102; IT 6796889 A 19891107