

Title (en)
INTERNAL COMBUSTION ENGINE FUEL INJECTOR CONTROL SYSTEM.

Title (de)
KRAFTSTOFFEINSPRITZSTEUERVORRICHTUNG FÜR EINE BRENNKRAFTMASHINE.

Title (fr)
SYSTEME DE COMMANDE DES INJECTEURS DE CARBURANT D'UN MOTEUR A COMBUSTION INTERNE.

Publication
EP 0685030 A1 19951206 (EN)

Application
EP 94931032 A 19941031

Priority
• EP 9403600 W 19941031
• IT TO930870 A 19931119

Abstract (en)
[origin: WO9514162A1] A system (1) presenting a number of actuator circuits, each including a capacitor (C1), and a first controlled switch (SWi) interposed between the coil of an injector (Li) and a reference line, for permitting supply of the injector (Li) by the capacitor. A second controlled switch (SWR) is interposed between a capacitor line and an injector supply line (104). The system (1) also presents an electronic control unit (12) for controlling switching of the first (SWi) and second (SWR) switches, so as to supply the injectors with current presenting a high-amplitude portion with a rapid leading edge, a slowly increasing portion, and a portion with an amplitude oscillating about a mid value.

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Cited by
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WO 9514162 A1 19950526; DE 69413206 D1 19981015; DE 69413206 T2 19990325; EP 0685030 A1 19951206; EP 0685030 B1 19980909; IT 1261360 B 19960520; IT TO930870 A0 19931119; IT TO930870 A1 19950519

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