Title (en)

Device for introducing additive forming means in a fuel supply tank of a motor vehicle engine

Title (de)

Vorrichtung zur Zuführung von additifbildenden Mitteln in einen Kraftstofftank eines Kraftfahrzeugmotors

Title (fr)

Dispositif d'introduction de moyens formant additif dans un réservoir de carburant d'alimentation d'un moteur de véhicule automobile

Publication

EP 1736653 B1 20080416 (FR)

Application

EP 06291021 A 20060621

Priority

FR 0506290 A 20050621

Abstract (en)

[origin: FR2887302A1] The device has pollution control units disposed in the exhaust line of a diesel engine (1) of a motor vehicle comprising an additive tank (10) and a fuel tank (2). A metering pump (13) and an injector (14) are connected to the tanks. An electronic control case (20) controls the pump and the injector to inject the additives. The case is associated to moving conditions analyzing units (30) of the vehicle to control the pump and the injector, so as to adapt the additive concentration in the fuel to the conditions favorable or unfavorable to the regeneration of the pollution control units.

IPC 8 full level

F02D 19/12 (2006.01); F02M 25/00 (2006.01)

CPC (source: EP)

F02D 19/12 (2013.01); **F02D 41/0025** (2013.01); **F02D 41/029** (2013.01); **F02M 25/00** (2013.01); **F02M 37/0064** (2013.01); F01N 2430/04 (2013.01); F02D 2200/501 (2013.01); F02D 2200/606 (2013.01)

Cited by

FR3010730A1; FR3073428A1; FR3091540A1; FR3073252A1; EP2604832A1; FR2983902A1; DE102011015061A1; WO2012127044A1

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