

Title (en)

Device for reduction of fuel quantity in oil of a combustion engine

Title (de)

Vorrichtung zur Verminderung der Kraftstoffmenge im Öl einer Brennkraftmaschine

Title (fr)

Système de réduction de la quantité de gazole dans l'huile de lubrification d'un moteur

Publication

EP 1726793 B1 20091014 (FR)

Application

EP 06300492 A 20060518

Priority

FR 0505042 A 20050519

Abstract (en)

[origin: EP1726793A2] The system has an engine (1) with an exhaust outlet (2) associated to a portion of a turbocharger (4) integrated with an exhaust line (5) of the engine. The line has a depollution unit (6) with a nitrogen oxide catalyst (7) associated to a particle filter (8). The engine is associated to a lubrication oil basin (17) and a diesel fuel/oil separation condenser (18) with a recirculation pipe (19) for evacuating diesel fuel vapor in the engine and an oil filter. A porous membrane (22) with an inlet size of 0.5 nanometers is associated to one or more aerosol particle traps (21).

IPC 8 full level

F01M 1/10 (2006.01); **F01M 1/18** (2006.01)

CPC (source: EP)

F01M 1/10 (2013.01); **F01M 2001/165** (2013.01); **F02D 41/029** (2013.01); **F02D 41/405** (2013.01)

Cited by

CN111502796A; WO2009000879A1

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