

Title (en)

FUEL INJECTING METHOD FOR REGENERATING A NITROGEN OXIDE TRAP

Title (de)

KRAFTSTOFFEINSPRITZUNGSVERFAHREN FÜR DIE REGENERATION EINER STICKSTOFFOXYDFALLE

Title (fr)

PROCEDE D'INJECTION DE CARBURANT POUR LA REGENERATION D'UN PIEGE A OXYDES D'AZOTE

Publication

EP 1254303 A2 20021106 (FR)

Application

EP 01907743 A 20010209

Priority

- FR 0100377 W 20010209
- FR 0001707 A 20000211

Abstract (en)

[origin: WO0159269A2] The invention concerns a method for injecting fuel into at least one of the cylinders of a combustion engine (12), in particular a diesel engine, for regenerating a nitrogen oxide trap (16), which consists in injecting a main amount of fuel depending on the engine (12) operating point. The invention is characterised in that it consists in increasing the main amount during a phase regenerating the nitrogen oxide trap (16).

IPC 1-7

F01N 1/00

IPC 8 full level

F02D 41/02 (2006.01); **F02D 41/40** (2006.01); **F01N 3/08** (2006.01)

CPC (source: EP)

F01N 3/0842 (2013.01); **F02D 41/0275** (2013.01); **F02D 41/405** (2013.01); **Y02T 10/40** (2013.01)

Citation (search report)

See references of WO 0159269A2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

WO 0159269 A2 20010816; **WO 0159269 A3 20020404**; EP 1254303 A2 20021106; FR 2804997 A1 20010817; FR 2804997 B1 20020726

DOCDB simple family (application)

FR 0100377 W 20010209; EP 01907743 A 20010209; FR 0001707 A 20000211