

Title (en)

Particle filter system

Title (de)

Partikelfiltersystem

Title (fr)

Système de filtre de particules

Publication

EP 0367280 B2 19980408 (DE)

Application

EP 89120374 A 19891103

Priority

DE 3837472 A 19881104

Abstract (en)

[origin: EP0367280A1] Method for the regeneration of a particle filter of a diesel engine <??>The aim of the method is a particle filter which can be regenerated in all operating points of the diesel engine with the aid of a burner operating in the full flow of the engine exhaust. <??>The solution is achieved by a burner (3) to which fuel and oxygen- containing gas are fed in a variable ratio. As a result, the burner can produce the output required for achieving the regeneration temperature at any operating point of the diesel engine. <??>The method is suitable for diesel engines with thermally regenerable particle filters. <IMAGE>

IPC 1-7

F01N 3/02

IPC 8 full level

F01N 3/02 (2006.01); **F01N 3/025** (2006.01); **F01N 3/30** (2006.01); **F01N 3/36** (2006.01); **F02B 3/06** (2006.01)

CPC (source: EP US)

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Cited by

EP1939419A1; DE102008026477A1; FR2976020A1; US8844275B2; WO2007113298A1; US8006487B2; US8001773B2; US8020377B2

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