

Title (en)

Regeneration of particle filters, especially for diesel engines.

Title (de)

Regenerierung von Staubfilter, insbesondere für Dieselmotoren.

Title (fr)

Régénération des filtres à particules notamment pour moteurs Diesel.

Publication

EP 0132166 A1 19850123 (FR)

Application

EP 84401194 A 19840612

Priority

FR 8309951 A 19830616

Abstract (en)

[origin: ES8506854A1] Regeneration procedure for particle filters, especially for diesel engines. A water-based organic liquid of the ethanol or methanol type is injected periodically against the filter, which has a low vaporization temperature, with addition, in way, of water, and such liquid organic, after having been pre-heated and cracked to object of giving a very flammable mix, essentially constituted of hydrogen and carbon oxide, is introduced in the path of the incident exhaust gases. (Machine-translation by Google Translate, not legally binding)

Abstract (fr)

Procédé de régénération de filtres à particules, notamment pour moteurs Diesel. On injecte périodiquement en amont du filtre colmaté un liquide organique tel que Cx Hy Oz, du type éthanol ou méthanol possédant une température de vaporisation basse, le cas échéant additionné d'eau, ledit liquide organique, après avoir été préchauffé et craqué de façon à donner naissance à un mélange très inflammable essentiellement constitué d'hydrogène et d'oxyde de carbone, est introduit sur le trajet des gaz d'échappement incidents. Application aux moteurs Diesel.

IPC 1-7

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CPC (source: EP US)

F01N 3/0231 (2013.01 - EP US); **F01N 3/025** (2013.01 - EP US); **F01N 3/029** (2013.01 - EP US); **F01N 3/08** (2013.01 - EP US); **F01N 3/30** (2013.01 - EP US); **F01N 3/36** (2013.01 - EP US); **F01N 3/206** (2013.01 - EP US); **F01N 2610/03** (2013.01 - EP US); **F01N 2610/04** (2013.01 - EP US); **F01N 2610/10** (2013.01 - EP US); **F01N 2610/107** (2013.01 - EP US); **F02B 3/06** (2013.01 - EP US); **Y10S 55/10** (2013.01 - EP US); **Y10S 55/30** (2013.01 - EP US)

Citation (search report)

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