

Title (en)

METHOD AND APPARATUS FOR FILTERING SOLID PARTICULATE MATTER FROM DIESEL ENGINE EXHAUST

Publication

**EP 0194131 B1 19920805 (EN)**

Application

**EP 86301517 A 19860304**

Priority

US 70826085 A 19850305

Abstract (en)

[origin: EP0194131A1] A method for removing solid particulate matter from the exhaust of a diesel engine (62), which comprises passing the engine's exhaust flow through at least a part of filter means (64) to trap solid particulate matter contained initially in the exhaust, thereby to remove said matter from said exhaust flow, periodically interrupting the exhaust flow through at least said part of the filter means (64), passing, during said interruption, at least one backflush fluid pulse through at least said part of the filter means (64) thereby to dislodge from the filter means, and entrain, said solid particulate matter, and transporting said dislodged solid particulate matter to the intake (76) of said engine (62) so that said matter can be combusted in the engine (62), and an apparatus for accomplishing same.

IPC 1-7

**F01N 3/02**

IPC 8 full level

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CPC (source: EP KR)

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Cited by

EP0308972A3; KR102308530B1; US5470364A; GB2218008A; EP1455059A1; US5457945A; EP0230140A1; US8789360B2; US5228891A; CN117249507A; KR100495204B1

Designated contracting state (EPC)

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