

Title (en)
Particulate trap system and method

Title (de)
System und Verfahren für ein Partikelfiltersystem

Title (fr)
Système et procédé pour piège à particules

Publication
EP 2392790 B1 20191225 (EN)

Application
EP 10005864 A 20100607

Priority
EP 10005864 A 20100607

Abstract (en)
[origin: EP2392790A1] A system for regenerating a particulate trap in an exhaust system of an internal combustion engine and including a wall-flow particulate trap having a plurality of porous walls for filtering engine exhaust and removing particulates therefrom to form a particulate cake on the porous walls, a valving mechanism downstream of said trap for periodically creating a reverse pressure throughout said trap, a reversing apparatus operative after the reverse pressure is created for periodically creating a substantially instantaneous reverse pressure drop across the porous walls of said trap to dislodge accumulated particulate cake and causing the filtered exhaust gas to flow back through the porous walls to remove the dislodged particulate from said trap, and controls for starting and stopping a regeneration cycle.

IPC 8 full level
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