

Title (en)
SEGREGATED CATALYZED METALLIC WIRE FILTER FOR DIESEL SOOT FILTRATION

Title (de)
SEGREGIERTER, KATALYSIERTER METALLDRAHTFILTER ZUR DIESELRUSSFILTRATION

Title (fr)
FILTRE A FILS METALLIQUES CATALYSES SEPARES POUR FILTRAGE DES SUIES DIESEL

Publication
EP 1888885 B1 20100120 (EN)

Application
EP 06771694 A 20060531

Priority
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• US 14316205 A 20050602

Abstract (en)
[origin: US2006272319A1] A filter for removing soot particles from the exhaust gas of a diesel engine comprises a plurality of hollow channels which contain therein a metal mesh. The metal mesh can be coated with an oxidation catalyst to promote ignition of the soot particles and regeneration of the metal mesh for filtering the soot particles. The metal mesh can optionally be removed from the hollow channels and replaced with regenerated or new metal mesh if desired.

IPC 8 full level
F01N 3/021 (2006.01); **F01N 3/022** (2006.01); **F01N 3/035** (2006.01)

CPC (source: EP KR US)
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