

Title (en)
An anti-pollution device for treating the exhaust gases from internal combustion engines and burners in general, functioning also as exhaust silencer

Title (de)
Umweltschutzvorrichtung zur Behandlung von Auspuffgasen aus Brennkraftmaschinen und Brennern im allgemeinen, wirkend auch als Auspuffschalldämpfer

Title (fr)
Dispositif anti-pollution pour le traitement des gaz d'échappement des moteurs à combustion interne et des brûleurs en général, fonctionnant aussi comme silencieux d'échappement

Publication
EP 0457287 B1 19980107 (EN)

Application
EP 91107823 A 19910515

Priority
IT 4008190 A 19900518

Abstract (en)
[origin: EP0457287A2] The device, which serves both to control harmful emissions and to lower the noise levels of exhaust gases from internal combustion engines and burners in general, comprises a duct (3) created between the coils (4, 4') of a spiral element and open at either one or both ends; the element is fashioned in a material of low thermal conductivity, and the coiled surfaces exposed to the exhaust gases can be coated with catalytic materials capable of speeding up the reduction or oxidation of pollutants. <IMAGE>

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F01N 3/28; **F01N 1/12**

IPC 8 full level
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CPC (source: EP)
F01N 1/12 (2013.01); **F01N 1/125** (2013.01); **F01N 3/28** (2013.01); **F01N 3/2807** (2013.01); **F01N 3/2825** (2013.01); **F01N 3/2885** (2013.01); **F01N 2230/04** (2013.01)

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