

Title (en)

System for treating NO<sub>x</sub> in the exhaust gas stream of an automotive internal combustion engine

Title (de)

System zur Behandlung von NO<sub>x</sub> im Abgasstrom einer automobilen Brennkraftmaschine

Title (fr)

Système de traitement des NO<sub>x</sub> de gaz d'échappement d'un moteur thermique de véhicule automobile

Publication

**EP 1662105 B1 20080430 (FR)**

Application

**EP 05292350 A 20051107**

Priority

FR 0411882 A 20041108

Abstract (en)

[origin: FR2877693A1] The system has an exhaust pipe (16) with a reactor (18) producing non-thermal plasma from exhaust gas received in its inlet. A catalyst (22) arranged in a downstream of the reactor reduces nitrogen oxide. The catalyst has different catalytic units (22a, 22b, 22c) including thermal windows for different catalytic activities. The windows are complementary and are operated in high, medium and low temperatures, respectively.

IPC 8 full level

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CPC (source: EP)

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