

Title (en)
EMISSION CONTROL DEVICE AND METHOD

Title (de)
ABGASREINIGUNGSVORRICHTUNG UND -VERFAHREN

Title (fr)
PROCEDE ET DISPOSITIF DE REGULATION DES EMISSIONS DE GAZ

Publication
EP 1379761 B1 20050601 (EN)

Application
EP 01918755 A 20010316

Priority
US 0108445 W 20010316

Abstract (en)
[origin: WO02075123A1] An emission control device (10) and method are provided for treating exhaust gases to reduce pollutants contained therein. The device (10) includes a first chamber (16) through which the exhaust gas passes. First and second metal grids (26,30) are disposed within the first chamber (16) at a predetermined distance from each other. Voltage is supplied to the first grid (26) via an inductive coil (14) at a predetermined frequency. Electrical sparks are generated between the first and second grids (26,30) which electrically ionizes the treatment chamber and a second chamber having strata (46). The strata (46) can further includes noble metals for treatment of the exhaust gas.

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