Title (en)

APPARATUS FOR PURIFYING EXHAUST GASES WITH TWO HONEYCOMB BODIES TO GENERATE AN ELECTRIC POTENTIAL

Title (de)

ABGASBEHANDLUNGSVORRICHTUNG MIT ZWEI WABENKÖRPERN ZUR ERZEUGUNG EINES ELEKTRISCHEN POTENTIALS

Title (fr)

DISPOSITIF POUR PURIFIER DES GAZ D'ÉCHAPPEMENT AVEC DEUX CORPS EN FORME DE NID D'ABEILLES POUR GÉNERER UN POTENTIEL ÉLECTRIQUE

Publication

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Application

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Abstract (en)

[origin: WO2011029728A1] The invention relates to an exhaust gas treatment device (11) comprising at least one first at least partially electrically conductive honeycomb body (12) having a first front face (3) and a first rear face (26), a second at least partially electrically conductive honeycomb body (13) having a second front face (25) and a second rear face (27), and intermediate space (15) between the first honeycomb body (12) and the second honeycomb body (13), a voltage supply (18) for implementing an electric potential between the first honeycomb body (12) and the second honeycomb body (13), and a plurality of electrodes (6) that are fastened to the first honeycomb body (12), protrude beyond the first rear face (26) with a first length (8) into the intermediate space (15), and are positioned at a first distance (16) from the second front face (25) of the second honeycomb body (13). The invention further relates to a method for treating motor vehicle exhaust gas comprising particles.

IPC 8 full level

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