

Title (en)
PARTICLE SEPARATOR HAVING A MULTI-PART HOUSING

Title (de)
PARTIKELABSCHIEDER MIT MEHRTEILIGEM GEHÄUSE

Title (fr)
SÉPARATEUR DE PARTICULES COMPORTANT UN CARTER EN PLUSIEURS PARTIES

Publication
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Application
EP 11776185 A 20111028

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• EP 2011068995 W 20111028

Abstract (en)
[origin: WO2012065831A2] The invention relates to a particle separator (1) for treating exhaust gases from an internal combustion engine (2), wherein at least one metal layer (3) through which exhaust gas can flow is disposed in a housing (4) having an inlet opening (5), an outlet opening (6) and a central axis (7), wherein the housing (4) comprises a first part (8) having a first joint face (10) and a second part (9) having a second joint face (11), wherein the first joint face (10) and the second joint face (11) correspond to one another, so that the first part (8) and the second part (9) can be positioned along the central axis (7) relative to one another and the at least one metal layer (3) is spaced over the entire surface from the first joint face (10) and the second joint face (11) over the entire periphery. A particle separator and a method for producing same is proposed, which can be manufactured cost-effectively in a simple manner with few means and in particular is suitable for retrofitting to an existing exhaust system.

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Citation (search report)
See references of WO 2012065831A2

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