Title (en)
EXHAUST SYSTEM WITH AT LEAST ONE BAFFLE PLATE

Title (de)
ABGASSYSTEM MIT WENIGSTENS EINER LEITFLÄCHE

Title (fr)
SYSTEME DE GAZ D'ECHAPPEMENT COMPORTANT AU MOINS UNE SURFACE DE GUIDAGE

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Application
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Abstract (en)
[origin: DE19905032A1] The invention relates to an exhaust system (1) comprising an exhaust manifold (2) for merging the exhaust-gas streams (11, 12, 13, 14) arriving from two or more cylinders of an internal combustion engine. The manifold (2) comprises an exhaust cross-section (9) downstream of which a jacket tube (3) is connected which houses a honeycomb (7). Between the exhaust cross-section (15) and the honeycomb (7) a chamber (10) is positioned through which the exhaust gas is able to flow and in which at least one first baffle plate (8) for deflecting at least part of the exhaust-gas streams (11, 12, 13, 14) is arranged. In addition to the manifold (2) and honeycomb (7) the invention also relates to a method for subjecting a honeycomb (7) to exhaust-gas streams (11, 12, 13, 14). At least a part of the exhaust-gas streams (11, 12, 13, 14) arrives at the honeycomb (7) from different directions and before striking the honeycomb (7) is deflected by means of at least a first baffle plate (8) in such a way that said exhaust-gas streams at least partly flow in a direction opposite to the direction of flow of the exhaust gas streams (11, 12, 13, 14) so that their arrival at the honeycomb (7) is delayed.

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