

Title (en)
IMPROVED CATALYSER HOUSING

Title (de)
VERBESSERTES KATALYSATORGEHÄUSE

Title (fr)
LOGEMENT DE CATALYSEUR AMELIORE

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Application
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Abstract (en)
[origin: WO9967513A1] The invention relates to a catalytic converter unit received between a first and a second exhaust section of an exhaust of an internal combustion engine, comprising: a catalytic converter housing; a catalytic converter element arranged in the catalytic converter housing; a first connecting piece arranged between the first exhaust section and the catalytic converter housing; and a second connecting piece arranged between the second exhaust section and the catalytic converter housing, wherein at least the first exhaust section comprises at least two channels which are separated by a first separating element, and wherein the catalytic converter element is divided in longitudinal direction into a number of parts corresponding with the number of channels, which parts are separated by at least a second separating element aligned relative to the first separating element. These measures enable separated supply to the catalytic converter, also in the case of exhaust systems with separate channels for the supply of exhaust gases from different cylinders or different groups of cylinders. The use of such a separating element prevents destruction of the catalytic converter element in the case of possible temperature stresses. The partitions used with such separated channels could after all crush such a ceramic catalytic converter element.

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