

Title (en)  
DOUBLE-WALLED EXHAUST MANIFOLD

Title (de)  
DOPPELWANDIGER ABGASKRÜMMER

Title (fr)  
COLLECTEUR D'ECHAPPEMENT A DOUBLE PAROI

Publication  
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Application  
**EP 05800624 A 20050929**

Priority  

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Abstract (en)  
[origin: WO2006035188A1] The invention relates to a double-walled exhaust manifold (10) for a motor vehicle, said exhaust manifold comprising at least one inner element (12) provided with sliding tubes (16, 18) which fit into each other, and an outer element (14) which is moulded from a single piece around the inner element (12) with which it determines an inner insulation cavity (20). The inventive exhaust manifold is characterised in that the inner element comprises at least one first straight upstream tube (22), a first end (24) of said tube being arranged in the extension of an exhaust line of an associated heat engine cylinder head, and a second end (26) fitting together, in a sliding manner, with an intermediate part (28) of at least one downstream tube (16, 18) having an axis (B) intersecting the axis (A) of the first tube (22).

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