

Title (en)
HONEYCOMBED BODY WITH REINFORCEMENT ELEMENTS

Title (de)
WABENKÖRPER MIT VERSTEIFUNGSELEMENTEN

Title (fr)
CORPS EN NIDS D'ABEILLES AVEC ELEMENTS DE RIGIDIFICATION

Publication
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Application
EP 00938546 A 20000512

Priority

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Abstract (en)
[origin: WO0069558A1] The invention relates to a honeycombed body (1), especially a catalytic converter support body. Said body has a honeycombed structure consisting of a plurality of channels (3) extending in longitudinal direction of said honeycombed structure (1) and cross-flown by a fluid, said channels consisting of smooth and/or structured sheets mounted in flat or curved position, in addition to a housing (2) surrounding the honeycombed structure. In order to produce a cost-effective honeycombed body which has a sufficiently stable honeycombed structure under expected loads and which is particularly resistant to thermal fatigue, reinforcement elements (7a, b) connected to the sheets are provided, which can be tolerate tensile loads at least in their longitudinal direction and which penetrate the honeycombed structure at least partially and/or are mounted on the outer side surrounding the honeycombed body at least partially.

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See references of WO 0069558A1

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