

Title (en)  
EXHAUST GAS-DISCHARGING DEVICE OF VEHICLE

Title (de)  
ABGASENTLADUNGSVORRICHTUNG FÜR EIN FAHRZEUG

Title (fr)  
DISPOSITIF D'ÉVACUATION DES GAZ D'ÉCHAPPEMENT POUR UN VÉHICULE

Publication  
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Application  
**EP 07745807 A 20070404**

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Abstract (en)  
[origin: WO2007114646A1] An exhaust gas discharge device for vehicles is disclosed. The exhaust gas discharge device of the present invention includes an extension pipe (10), which is fitted over a tail pipe of a silencer of a vehicle. A venturi passage (20) is defined in an exhaust gas inlet end of the extension pipe to increase a flow speed of the exhaust gas. The exhaust gas discharge device further includes an outside air discharge nozzle (30), which extends into the venturi passage, a backflow inlet port (40), which is provided in an exhaust gas outlet end of the extension pipe to guide outside air, and a cover (50), which defines therein a chamber, through which the backflow inlet port communicates with the outside air discharge nozzle. Thus, the present invention restrains backflow of exhaust gas using the flow of outside air, thus preventing back pressure, and rapidly discharging the exhaust gas, thereby enhancing the output of the engine.

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• [XAY] EP 1607597 A1 20051221 - PORSCHE AG [DE]  
• [Y] DE 2220634 A1 19731108 - BIEHL KARL MARIA  
• See references of WO 2007114646A1

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