Title (en)
GAS HEAT EXCHANGER, IN PARTICULAR FOR THE EXHAUST GASES OF AN ENGINE

Title (de)
GASWÄRMETAUSCHER, IM BESONDEREN FÜR DIE ABGASE EINES MOTORS

Title (fr)
ÉCHANGEUR DE CHALEUR POUR GAZ, PARTICULIÈREMENT POUR LES GAZ D'ÉCHAPPEMENT D'UN MOTEUR

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Priority
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• EP 2010063408 W 20100913

Abstract (en)
[origin: WO2011029940A1] The invention relates to a gas heat exchanger, in particular for the exhaust gases of an engine. It includes a first portion (2) arranged at the gas intake, which is made of a first metal, and a second portion (3) arranged following said first portion (2) and along the gas stream, which is made of a second metal having a melting temperature lower than that of said first portion (2), wherein said first portion (2) is capable of reducing the temperature of the gases before the same pass through said second portion (3). Preferably, the first portion (2) is made of stainless steel and the second portion (3) is made of aluminum. A heat exchanger is obtained which has the advantages of combining stainless steel and aluminum and of maintaining suitable efficiency and costs.

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