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

Title (de)
WÄRMETAUSCHER FÜR GASE, IM BESONDEREN FÜR MOTORABGASE

Title (fr)
ECHANGEUR DE CHALEUR POUR GAZ, EN PARTICULIER POUR GAZ D'ECHAPPEMENT D'UN MOTEUR

Publication
**EP 2795089 A1 20141029 (FR)**

Application
**EP 12809789 A 20121218**

Priority
• ES 201132072 A 20111222
• EP 2012076039 W 20121218

Abstract (en)
[origin: WO2013092641A1] A heat exchanger (1) for gases, in particular for the exhaust gases of an engine, comprising a bundle of tubes (2) arranged inside a casing (3) defining a gas inlet (4) and outlet (5), said tubes (2) being intended for the circulation of the gases with a view to exchanging heat with a coolant, and said tubes (2) being distributed in at least one column having a plurality of rows defining a plurality of spaces (8) between the rows, and comprising a coolant inlet pipe (9) and outlet pipe (10) connected to the casing (3). Said exchanger (1) comprises a bypass channel (11) incorporated into the casing (3) capable of connecting the spaces (8) defined between the rows of tubes (2) located in front of said channel (11) with one of the coolant pipes (10), in such a way as to improve the distribution of the coolant.

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CPC (source: EP ES US)
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Citation (search report)
See references of WO 2013092641A1

Designated contracting state (EPC)
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