

Title (en)

HEAT EXCHANGER FOR GAS, PARTICULARLY FOR THE EXHAUST GASES OF AN ENGINE

Title (de)

WÄRMETAUSCHER FÜR GASE, IM BESONDEREN FÜR MOTORABGASE

Title (fr)

ÉCHANGEUR THERMIQUE POUR GAZ, EN PARTICULIER POUR LES GAZ D'ÉCHAPPEMENT D'UN MOTEUR

Publication

EP 3308094 A1 20180418 (FR)

Application

EP 16731830 A 20160615

Priority

- ES 201530833 A 20150615
- EP 2016063702 W 20160615

Abstract (en)

[origin: WO2016202832A1] It comprises a bundle of tubes (2) or plates arranged inside a housing (3), said housing defining an inlet (4) and an outlet (5) for gases intended to circulate inside said tubes (3) or plates, the inside of each of said tubes (2) or plates comprising means (8) for perturbing the stream of gas in order to facilitate the exchange of heat with a coolant fluid, characterized in that said perturbing means comprise at least two sets (8a, 8b, 8c, 8d) of perturbing elements (8) which are arranged one on the other inside each of said tubes (2) or plates, each of said sets (8a, 8b, 8c, 8d) of perturbing elements (8) defining an independent subset of paths (11a, 11b, 12a, 12b) for the passage of the stream of gas.

IPC 8 full level

F28F 3/02 (2006.01); **F02M 26/32** (2016.01); **F28D 21/00** (2006.01)

CPC (source: EP ES)

F02M 26/32 (2016.02 - EP); **F28D 1/0535** (2013.01 - ES); **F28D 21/0003** (2013.01 - EP); **F28F 1/40** (2013.01 - ES); **F28F 3/02** (2013.01 - ES); **F28F 3/025** (2013.01 - EP); **F28F 13/12** (2013.01 - ES)

Citation (search report)

See references of WO 2016202832A1

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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