

Title (en)

HEAT EXCHANGER FOR GASES, IN PARTICULAR FOR EXHAUST GASES FROM AN ENGINE, GAS CIRCULATION PIPE FOR SAID EXCHANGER AND METHOD FOR MANUFACTURING SAID HEAT EXCHANGER

Title (de)

WÄRMETAUSCHER FÜR GASE, IM BESONDEREN FÜR ABGASE AUS EINEM MOTOR, GASZIRKULATIONSROHR FÜR WÄRMETAUSCHER UND VERFAHREN ZUR HERSTELLUNG DIESES WÄRMETAUSCHERS

Title (fr)

ÉCHANGEUR DE CHALEUR POUR GAZ, EN PARTICULIER POUR GAZ D'ÉCHAPPEMENT D'UN MOTEUR, TUYAU DE CIRCULATION DE GAZ POUR LEDIT ÉCHANGEUR ET PROCÉDÉ DE FABRICATION DUDIT ÉCHANGEUR DE CHALEUR

Publication

EP 3583370 A1 20191225 (EN)

Application

EP 18705921 A 20180216

Priority

- ES 201730194 A 20170216
- EP 2018053951 W 20180216

Abstract (en)

[origin: WO2018150005A1] Comprising a heat-exchange housing (1) that delimits a circuit for the circulation of a coolant fluid, a plurality of gas circulation pipes (2) that are arranged inside the housing (1) to exchange heat with said coolant fluid, and at least two structural parts (3) provided with a plurality of orifices (4) for receiving the ends of the gas circulation pipes (2) in the respective ends of the heat exchanger housing (1), in which each pipe (2) has two open half-pipes (2a, 2b) that are designed to be mounted opposite one another, the shape of the cross section of the ends of the pipes (2) leaving a join space (e) in the orifices (4) of the structural parts (3), and characterized in that the ends of each of the gas circulation pipes (2) have at least two locking tabs (6a) arranged to overlap the same number of portions (7) of the sides of one of the half-pipes (2a) to at least partially block the join space (e) in the orifices (4) of the structural parts (3).

IPC 8 full level

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CPC (source: EP ES)

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Citation (search report)

See references of WO 2018150005A1

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