

Title (en)

Heat exchanger for gas, in particular for the exhaust gas of an engine

Title (de)

Gaswärmetauscher, insbesondere für die Abgase eines Motors

Title (fr)

Échangeur de chaleur pour gaz, notamment pour les gaz d'échappement d'un moteur

Publication

EP 2400140 B1 20180912 (FR)

Application

EP 11170763 A 20110621

Priority

ES 201031002 A 20100628

Abstract (en)

[origin: EP2400140A2] The exchanger (1) has a casing (2) for allowing circulation of exhaust gas to exchange heat with a coolant. A coupler (6) and a duct are connected to a coolant circuit and integrated to a gas reservoir forming piece (7) that is coupled with an end of the casing. The reservoir forming piece integrates a lug (9) fixed to an engine block, and another coupler (4) is coupled with an exhaust gas circuit. The reservoir forming piece is made from stainless steel or aluminum.

IPC 8 full level

F02M 25/06 (2016.01)

CPC (source: EP ES)

F02M 26/11 (2016.02 - EP); **F02M 26/29** (2016.02 - EP); **F02M 26/32** (2016.02 - EP ES); **F02M 26/36** (2016.02 - EP ES)

Cited by

EP3054143A1; US9856831B2

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 2400140 A2 20111228; **EP 2400140 A3 20161005**; **EP 2400140 B1 20180912**; ES 2399036 A1 20130325; ES 2399036 B1 20140128; ES 2700735 T3 20190219

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