

Title (en)
ALUMINIUM HEAT EXCHANGER FOR AN "EGR" SYSTEM

Title (de)
ALUMINIUMWÄRMETAUSCHER FÜR EIN AGR-SYSTEM

Title (fr)
ECHANGEUR DE CHALEUR EN ALUMINIUM DESTINE A UN SYSTEME 'EGR'

Publication
EP 2019957 A1 20090204 (EN)

Application
EP 07728654 A 20070427

Priority
• EP 2007054200 W 20070427
• ES 200601102 A 20060428

Abstract (en)
[origin: WO2007125118A1] The invention relates to an aluminium heat exchanger for an EGR system comprising a casing (11) housing a plurality of pipes (35, 55, 75) for the passage of the gas to be cooled configured inside a body (21, 41, 61) formed by at least two extruded aluminium profiles (23, 25; 43, 45; 63, 65) delimiting said pipes (35, 55, 75) between them, several heads (13, 17) coupled to the inlet pipe of gas from the exhaust manifold and to the gas outlet pipe connected to the intake manifold of the engine, and cooling means including a cooling chamber (19) located between said body (21, 41, 61) and said casing (11).

IPC 8 full level
F02M 25/07 (2006.01); **F28D 7/10** (2006.01); **F28F 1/02** (2006.01)

CPC (source: EP ES)
F02M 26/26 (2016.02 - EP); **F02M 26/32** (2016.02 - EP); **F28D 7/10** (2013.01 - EP); **F28D 7/103** (2013.01 - EP); **F28D 7/106** (2013.01 - ES); **F28D 7/16** (2013.01 - ES); **F28F 1/022** (2013.01 - EP); **F28F 1/42** (2013.01 - ES); **F02M 26/11** (2016.02 - EP); **F28D 21/0003** (2013.01 - EP); **F28F 9/0219** (2013.01 - EP); **F28F 21/08** (2013.01 - EP); **F28F 2255/16** (2013.01 - EP)

Citation (search report)
See references of WO 2007125118A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
WO 2007125118 A1 20071108; EP 2019957 A1 20090204; ES 2263399 A1 20061201; ES 2263399 B1 20071116

DOCDB simple family (application)
EP 2007054200 W 20070427; EP 07728654 A 20070427; ES 200601102 A 20060428