

Title (en)  
EXHAUST GAS RE-CIRCULATION COOLER

Title (de)  
ABGASRÜCKFÜHRUNGSKÜHLER

Title (fr)  
REFROIDISSEUR À RECIRCULATION DE GAZ D'ÉCHAPPEMENT

Publication  
**EP 3751128 A1 20201216 (EN)**

Application  
**EP 19179512 A 20190611**

Priority  
EP 19179512 A 20190611

Abstract (en)  
An exhaust gas re-circulation (EGR) cooler for a vehicle is provided. The EGR cooler may include a housing and at least one corner bead. The housing having lateral walls and sidewalls connected to the lateral walls to form the housing, in which a first fluid circuit is formed in the housing to receive pulsating pressure of exhaust gas from an engine of a vehicle. The at least one corner bead formed at corners in which the lateral walls are connected with the side walls of the housing to reduce stress acting on the housing.

IPC 8 full level  
**F02M 26/29** (2016.01); **F02M 26/32** (2016.01); **F28D 7/16** (2006.01); **F28D 21/00** (2006.01); **F28F 9/00** (2006.01)

CPC (source: EP)  
**F02M 26/29** (2016.02); **F02M 26/32** (2016.02); **F28D 7/1684** (2013.01); **F28D 21/0003** (2013.01); **F28F 9/001** (2013.01); **F28F 2225/02** (2013.01)

Citation (search report)  
• [XII] US 2017336147 A1 20171123 - DIÉGUEZ FORTES MANUEL JOSÉ [ES], et al  
• [XII] US 2017009708 A1 20170112 - JANKE DAVID [US], et al  
• [XII] EP 1801407 A1 20070627 - T RAD CO LTD [JP]

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

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
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