

Title (en)  
EXHAUST GAS RE-CIRCULATION COOLER

Title (de)  
ABGASRÜCKFÜHRUNGSKÜHLER

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

Publication  
**EP 3751127 B1 20220112 (EN)**

Application  
**EP 19179471 A 20190611**

Priority  
EP 19179471 A 20190611

Abstract (en)  
[origin: EP3751127A1] An Exhaust Gas Re-circulation cooler for a vehicle is provided. The EGR cooler includes a housing having a first fluid circuit, a first bead, and curved beads. The housing further includes a middle portion formed on lateral walls of the housing, a first side portion and a second side portion, in which the first side portion and the second side portion are formed on adjacent sides of the middle portion. The first fluid circuit is formed in the housing to receive pulsating pressure of exhaust gas from an engine of a vehicle. The first bead formed at the middle portion of the housing and the curved beads formed on the first side portion and the second side portion of the lateral walls of the housing. Further, the first bead and the curved beads are formed in a longitudinal axis on the lateral walls of the housing.

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

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

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