

Title (en)  
Flow deflectors

Title (de)  
Strömungsdeflektoren

Title (fr)  
Déflecteurs d'écoulement

Publication  
**EP 2957852 B1 20181205 (EN)**

Application  
**EP 14382234 A 20140617**

Priority  
EP 14382234 A 20140617

Abstract (en)  
[origin: EP2957852A1] The present invention relates to a device for deflecting coolant fluid flow in a heat exchanger, particularly a heat exchanger of an EGR ( Exhaust Gas Recirculation ) system, better cooling of the fluid to be cooled and flowing through the bundle of tubes of said heat exchanger being obtained.

IPC 8 full level  
**F28F 9/00** (2006.01); **F02M 26/32** (2016.01); **F28D 21/00** (2006.01); **F28F 9/22** (2006.01); **F28F 13/08** (2006.01); **F28D 7/16** (2006.01)

CPC (source: EP US)  
**F02M 26/32** (2016.02 - EP US); **F28D 21/0003** (2013.01 - EP US); **F28F 9/005** (2013.01 - EP US); **F28F 9/22** (2013.01 - EP US); **F28F 13/08** (2013.01 - US); **F28D 7/1684** (2013.01 - EP US); **F28D 2021/008** (2013.01 - EP US); **F28F 2265/10** (2013.01 - EP US)

Citation (examination)  
DE 10219964 A1 20021205 - UMFOTEC UMFORMTECHNIK GMBH [DE], et al

Cited by  
DE102017218254A1; DE102017130153A1; US10900446B2; DE102017130153B4; US11655745B2

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 2957852 A1 20151223; EP 2957852 B1 20181205**; BR 102015014389 A2 20170711; CN 105202965 A 20151230; KR 20150144723 A 20151228; US 2015362264 A1 20151217

DOCDB simple family (application)  
**EP 14382234 A 20140617**; BR 102015014389 A 20150617; CN 201510338282 A 20150617; KR 20150085775 A 20150617; US 201514741571 A 20150617