

Title (en)
EXHAUST GAS HEAT EXCHANGER

Title (de)
ABGAS-WÄRMETAUSCHER

Title (fr)
ECHANGEUR THERMIQUE DE GAZ D'ECHAPPEMENT

Publication
EP 1411315 B1 20150422 (EN)

Application
EP 02751694 A 20020725

Priority
• JP 0207566 W 20020725
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• JP 2001350437 A 20011115

Abstract (en)
[origin: EP1411315A1] An exhaust gas heat exchanger, comprising first wings (111c) projected in a first direction orthogonal to the circulating direction of EGR gas and second wings projected in a direction orthogonal to the circulating direction of the EGR gas and different from the first direction provided on the inside of an inner fin (111), wherein, since the EGR gas flows macroscopically in an exhaust gas passage (110a) while meandering in the direction (D1) orthogonal to the longitudinal direction (D0) of the exhaust gas passage after colliding with the wing.

IPC 8 full level
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F02M 26/32 (2016.02); **F28D 7/16** (2013.01); **F28D 7/1684** (2013.01); **F28F 3/027** (2013.01); **F28F 13/12** (2013.01); **F28D 21/0003** (2013.01)

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Cited by
US2016069623A1; CN103975217A; EP1348924A3; EP2144030A4; EP2770290A4; US10386132B2; CN105221300A; EP2851645A3; EP2851646A3; US8016025B2; US7882827B2; WO2007005479A1; WO2005119036A1; WO2007057099A1; EP1348924A2; US8424592B2; US8261816B2; US9103250B2; US9446374B2

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