

Title (en)  
Heat exchanger for a combustion engine

Title (de)  
Wärmetauscher für einen Verbrennungsmotor

Title (fr)  
Échangeur thermique pour un moteur à combustion

Publication  
**EP 2851646 B1 20210728 (DE)**

Application  
**EP 14193543 A 20061026**

Priority  
• DE 102005055481 A 20051118  
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Abstract (en)  
[origin: WO2007057099A1] Disclosed is a heat exchanger for a combustion engine, comprising a first connection zone (1, 102) for delivering a fluid that is to be cooled, at least some of said fluid being composed of exhaust gas of the combustion engine, a second connection zone (3, 103) for discharging the fluid, and an exchanger zone (2, 101, 104, 105) which is arranged between the first and the second connection zone relative to a flow path of the fluid. A coolant can flow around the exchanger zone (2, 101, 104, 105) while at least part of the heat exchanger is made of ferritic steel.

IPC 8 full level  
**F02M 26/25** (2016.01); **F02M 26/32** (2016.01); **F28D 9/00** (2006.01); **F28F 21/08** (2006.01)

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**F02M 26/05** (2016.02 - EP US); **F02M 26/06** (2016.02 - EP US); **F02M 26/11** (2016.02 - EP US); **F28F 9/001** (2013.01 - EP US);  
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Citation (examination)  
• DE 10060102 A1 20010621 - DENSO CORP [JP]  
• DE 10328846 A1 20040219 - DENSO CORP [JP], et al  
• US 2003116305 A1 20030626 - BEDDOME DAVID W [US], et al  
• DE 10303680 A1 20030807 - DENSO CORP [JP]  
• JP H06170532 A 19940621 - KAWASAKI HEAVY IND LTD, et al

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