

Title (en)

HEAT EXCHANGER PROVIDED WITH A CONNECTION ELEMENT

Title (de)

MIT EINEM VERBINDUNGSELEMENT VERSEHENER WÄRMETAUSCHER

Title (fr)

ECHANGEUR DE CHALEUR MUNI D'UN ELEMENT DE CONNEXION

Publication

EP 1977184 A1 20081008 (EN)

Application

EP 07712052 A 20070119

Priority

- EP 2007050515 W 20070119
- IT TO20060037 A 20060119

Abstract (en)

[origin: WO2007082921A1] A heat exchanger for a return circuit of fuel in a diesel engine adapted to connect the engine to a tank of a motor vehicle, comprising a radiating body (2) for exchanging heat with the fuel and at least one metallic end portion (9) adapted to be crossed by the fuel directed towards the tank, and also comprising a connection element (10) rigidly and fluid-tightly connected to the metallic end portion (9) and adapted to be connected to a conduit of the return circuit by means of a tubular portion (13) having an external diameter smaller than the external diameter of the metallic tubular element (9). The metallic end portion (9) defines a narrowing made by plastic deformation to connect to the connecting element (10) and the connecting element (10) is made by moulding a polymeric material.

IPC 8 full level

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Citation (search report)

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