

Title (en)

A TANK ASSEMBLY FOR A HEAT EXCHANGER

Title (de)

TANKANORDNUNG FÜR EINEN WÄRMETAUSCHER

Title (fr)

ENSEMBLE DE RÉSERVOIR POUR ÉCHANGEUR DE CHALEUR

Publication

**EP 3757501 A1 20201230 (EN)**

Application

**EP 19461546 A 20190626**

Priority

EP 19461546 A 20190626

Abstract (en)

A tank for a heat exchanger, in particular for a motor vehicle, comprising: a distribution body for delivering a coolant fluid into the heat exchanger; a first opening disposed along the longitudinal direction of the distribution body, the first opening having a substantially rectangular shape for receiving a header with tubes; a second opening disposed on the surface of the distribution body, the second opening having a circular shape; the second opening configured to receive a connector; at least one guiding means disposed in the vicinity of the second opening; the heat exchanger characterized in that the guiding means come into contact with the connector after rotating the connector in a plane delimited by the second opening, so that the guiding means prevent the connector from moving in the axis of the opening.

IPC 8 full level

**F28F 9/02** (2006.01)

CPC (source: EP)

**F28F 9/0248** (2013.01); **F28F 2275/08** (2013.01); **F28F 2275/14** (2013.01); **F28F 2275/20** (2013.01); **F28F 2280/04** (2013.01)

Citation (search report)

- [X1] WO 0192807 A1 20011206 - VALEO THERMIQUE MOTEUR SA [FR], et al
- [X1] US 2002134453 A1 20020926 - CHIKUMA HIROSHI [JP], et al
- [X1] US 5318332 A 19940607 - HOHMANN RALF [DE], et al

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 3757501 A1 20201230**; **EP 3757501 B1 20230315**; WO 2020260287 A1 20201230

DOCDB simple family (application)

**EP 19461546 A 20190626**; EP 2020067511 W 20200623