

Title (en)

Fins and tubes for a heat exchanger core

Title (de)

Rippen/Rohrblock für einen Wärmeübertrager

Title (fr)

Tubes et ailettes pour bloc d'échange de chaleur

Publication

**EP 1748271 A1 20070131 (DE)**

Application

**EP 06009625 A 20060510**

Priority

DE 102005038510 A 20050730

Abstract (en)

The fin-and-tube block (1) for a radiator (2), in particular a motor vehicle radiator, has all the tube end regions, at least at one edge-side (5, 6), widened out and laid flat against each other to form a tube end pack (8, 9). All the tube end regions of the tube end packs are angled relative to the relevant longitudinal direction of the tube.

IPC 8 full level

**F28F 9/02** (2006.01); **F28D 1/053** (2006.01); **F28F 1/02** (2006.01)

CPC (source: EP)

**F28D 1/05366** (2013.01); **F28F 1/025** (2013.01); **F28F 1/126** (2013.01); **F28F 9/0221** (2013.01)

Citation (applicant)

- DE 19722099 A1 19980917 - BEHR GMBH & CO [DE]
- EP 0881447 B1 20040818 - BEHR GMBH & CO [DE]

Citation (search report)

- [PA] EP 1574802 A2 20050914 - PORSCHE AG [DE]
- [A] JP H09250894 A 19970922 - CALSONIC CORP
- [DA] EP 0881447 A2 19981202 - BEHR GMBH & CO [DE]

Cited by

DE102017107134A1; WO2011154241A1; FR2992713A1; EP2906896A4; US9733026B2

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Designated extension state (EPC)

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DOCDB simple family (publication)

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