

Title (en)  
Header for a heat exchanger

Title (de)  
Sammelrohr für einen Wärmeübertrager

Title (fr)  
Collecteur pour échangeur de chaleur

Publication  
**EP 1775540 B1 20151223 (DE)**

Application  
**EP 05022221 A 20051012**

Priority  
EP 05022221 A 20051012

Abstract (en)  
[origin: EP1775540A1] The manifold has a circular cross section and inwardly adjusted, flat oval passages (2) for receiving flat pipes. Deformed areas (3) are arranged in a center between adjacent passages and are designed flattened in a peripheral direction. The length of the flattened areas in the peripheral direction corresponds approximately to the length of longitudinal sides of the passages. Conically inclined surfaces (8, 9) are provided in a longitudinal direction of the manifold.

IPC 8 full level  
**B21C 37/29** (2006.01); **F28F 9/02** (2006.01); **F28F 9/18** (2006.01)

CPC (source: EP)  
**F28F 9/0243** (2013.01); **F28F 9/18** (2013.01)

Cited by  
EP2017021A1; EP3198212B1

Designated contracting state (EPC)  
DE FR

DOCDB simple family (publication)  
**EP 1775540 A1 20070418; EP 1775540 B1 20151223**

DOCDB simple family (application)  
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