

Title (en)  
Header for a heat exchanger

Title (de)  
Sammler für einen Wärmetauscher

Title (fr)  
Collecteur pour un échangeur thermique

Publication  
**EP 2299232 A3 20131204 (DE)**

Application  
**EP 10176832 A 20100915**

Priority  
DE 202009012453 U 20090916

Abstract (en)  
[origin: EP2299232A2] The heat exchanger has a collector with a base (4) extending in a longitudinal direction, and a fluid-tight manifold (5) of the collector. The fluid-tight manifold is fixed at the base. The base has an edge-sided structure for connection with the manifold. The manifold has a roof area (10) with a crown (11), where the roof area extends in a longitudinal direction. A flexible deformation of the roof area causes an increase in pressure in the collector. The manifold is made of plastic. The base is made of metal on aluminum base.

IPC 8 full level  
**F28F 9/02** (2006.01); **F28F 21/06** (2006.01); **F28F 21/08** (2006.01)

CPC (source: EP)  
**F28F 9/0226** (2013.01); **F28F 21/067** (2013.01); **F28F 21/084** (2013.01); **F28F 2225/08** (2013.01)

Citation (search report)

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Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)  
BA ME RS

DOCDB simple family (publication)  
**DE 202009012453 U1 20100225**; EP 2299232 A2 20110323; EP 2299232 A3 20131204

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**DE 202009012453 U 20090916**; EP 10176832 A 20100915