

Title (en)  
HEAT EXCHANGER INLET

Title (de)  
WÄRMETAUSCHEREINLAUF

Title (fr)  
ENTRÉE D'EMBOUCHURE D'ÉCHANGEUR DE CHALEUR

Publication  
**EP 3499170 B1 20230809 (EN)**

Application  
**EP 18209929 A 20181203**

Priority  
US 201762593402 P 20171201

Abstract (en)  
[origin: EP3499170A1] A heat exchanger (10) includes at least one passage defining a flow path for airflow (28). A manifold (15; 20) includes a transition region (16; 22) including at least two rib portions defining a smoothly curved transition surface into the at least one passage.

IPC 8 full level  
**F28F 9/02** (2006.01); **F28D 9/00** (2006.01); **F28D 21/00** (2006.01); **F28F 1/02** (2006.01); **F28F 1/26** (2006.01); **F28F 9/16** (2006.01)

CPC (source: EP US)  
**F28F 1/025** (2013.01 - EP US); **F28F 1/26** (2013.01 - EP US); **F28F 9/0221** (2013.01 - EP US); **F28F 9/0224** (2013.01 - EP US);  
**F28F 9/0229** (2013.01 - US); **F28F 9/0263** (2013.01 - EP US); **F28F 9/165** (2013.01 - EP US); **F28F 13/08** (2013.01 - US);  
**F28D 9/0062** (2013.01 - EP US); **F28D 2021/0021** (2013.01 - EP US); **F28F 2009/029** (2013.01 - EP US); **F28F 2009/0297** (2013.01 - US);  
**F28F 2250/02** (2013.01 - EP US)

Cited by  
EP3564610A1; US11079181B2

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 RS SE SI SK SM TR

DOCDB simple family (publication)  
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DOCDB simple family (application)  
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