

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)
EP 3499170 A1 20190619; EP 3499170 B1 20230809; US 2019170455 A1 20190606

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