

Title (en)

HEAT EXCHANGER LOW PRESSURE LOSS MANIFOLD

Title (de)

WÄRMETAUSCHERVERTEILER MIT NIEDRIGEM DRUCKVERLUST

Title (fr)

COLLECTEUR À FAIBLE PERTE DE PRESSION D'ÉCHANGEUR THERMIQUE

Publication

**EP 3492858 A1 20190605 (EN)**

Application

**EP 18209933 A 20181203**

Priority

US 201762593413 P 20171201

Abstract (en)

A heat exchanger (10) includes a plurality of flow passages (18) in thermal contact with a cooling flow (24). The plurality of flow passages (18) include a first end and a second end. An inlet manifold (12) is at the first end of the plurality of flow passages (18). The inlet manifold (12) includes a plurality of independent splitter passages that communicate airflow (22) to the first end of the plurality of flow passages (18). An exhaust manifold (14) is at the second end of the plurality of flow passages (18).

IPC 8 full level

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

CPC (source: EP US)

**F28D 1/05366** (2013.01 - EP US); **F28F 9/0214** (2013.01 - US); **F28F 9/0243** (2013.01 - US); **F28F 9/0263** (2013.01 - EP US); **F28F 9/0265** (2013.01 - US); **F28F 9/0268** (2013.01 - EP US); **F28F 2009/029** (2013.01 - EP US)

Citation (search report)

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- [XII] WO 9911421 A1 19990311 - TRANSPRO INC [US]
- [XA] EP 3173724 A1 20170531 - HAMILTON SUNDSTRAND CORP [US]
- [XA] US 673767 A 19010507 - EYCLESHYMER GEORGE W [US]
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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 RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 3492858 A1 20190605; EP 3492858 B1 20220216; US 2019170453 A1 20190606**

DOCDB simple family (application)

**EP 18209933 A 20181203; US 201816185136 A 20181109**