

Title (en)  
HEAT EXCHANGER ASSEMBLY

Title (de)  
WÄRMETAUSCHERBAUGRUPPE

Title (fr)  
ENSEMBLE ÉCHANGEUR THERMIQUE

Publication  
**EP 3388769 A1 20181017 (EN)**

Application  
**EP 18166661 A 20180410**

Priority  
US 201715483447 A 20170410

Abstract (en)  
A heat exchanger assembly (10) includes a manifold (20) having a first side plate (30), a second side plate (32) disposed opposite the first side plate (30), a first face plate (36), a second face plate (38) disposed opposite the first face plate (36), a base plate (34), and a plurality of cooling elements (40). The first face plate (36) and the second face plate (38) each extend between the first side plate (30), the second side plate (32), and the base plate (34). The base plate (34) extends between proximal ends of the first side plate (30), the second side plate (32), the first face plate (36), and the second face plate (38). The plurality of cooling elements (40) extends between the first face plate (36) and the second face plate (38).

IPC 8 full level  
**F28D 1/04** (2006.01); **F28D 7/00** (2006.01); **F28F 3/02** (2006.01); **F28F 9/02** (2006.01)

CPC (source: CN EP US)  
**F28D 1/0443** (2013.01 - EP US); **F28D 7/0066** (2013.01 - EP US); **F28D 7/0075** (2013.01 - US); **F28D 7/16** (2013.01 - CN); **F28D 9/0093** (2013.01 - US); **F28F 1/28** (2013.01 - CN); **F28F 3/025** (2013.01 - EP US); **F28F 9/0224** (2013.01 - US); **F28F 9/0229** (2013.01 - US); **F28F 9/0234** (2013.01 - EP US); **F28F 2009/0287** (2013.01 - EP 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 3388769 A1 20181017**; CN 108692593 A 20181023; US 2018292140 A1 20181011

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**EP 18166661 A 20180410**; CN 201810315183 A 20180410; US 201715483447 A 20170410