

Title (en)
A HEAT EXCHANGER

Title (de)
WÄRMETAUSCHER

Title (fr)
ÉCHANGEUR DE CHALEUR

Publication
EP 3671098 A1 20200624 (EN)

Application
EP 18461644 A 20181217

Priority
EP 18461644 A 20181217

Abstract (en)
A heat exchanger having a connector for introducing heat exchange fluid to or receive heat exchanger fluid from the heat exchanger is described. The connector includes a first block and a second block. The first block further includes a first fluid channel and a second fluid channel that is in a fluid communication with each other. The second block further includes a solid portion having a protruded portion protruded from the solid portion. The protruded portion further includes a secondary fluid channel. Further, at least a portion of the protruded portion protrudes into the second fluid channel of the first block to secure the second block with the first block in a desired orientation, and the secondary fluid channel of the second block is being in fluid communication with the second fluid channel of the first block.

IPC 8 full level
F28F 9/02 (2006.01)

CPC (source: EP)
F28F 9/0251 (2013.01)

Citation (search report)

- [XY] US 5163716 A 19921117 - BOLTON JAMES D [US], et al
- [X] JP H09196508 A 19970731 - CALSONIC CORP
- [Y] WO 2017032405 A1 20170302 - MAHLE INT GMBH [DE]

Cited by
EP3982076A1

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

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EP 3671098 A1 20200624; EP 3671098 B1 20220223; WO 2020127248 A1 20200625

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