

Title (en)

Heat exchanging assembly having a flexibly variable composition

Title (de)

Wärmetauscheranordnung mit flexibler, variabler Zusammensetzung

Title (fr)

Ensemble d'échange de chaleur ayant une composition variable flexible

Publication

EP 2642235 A1 20130925 (EN)

Application

EP 13159896 A 20130319

Priority

IT TO20120238 A 20120319

Abstract (en)

Heat exchanging assembly including at least one first heat exchanger (10; 30) comprising a plurality of parallel tubes (11; 31) extending between two opposite sides (13, 14; 33, 34) of the heat exchanger, a first and a second header (15, 16; 35, 36), and connecting devices positioned on the headers, which are provided for mounting a second heat exchanger (30; 50) on the first heat exchanger. The connecting means comprise hinge-like support formations or accessories (17; 37) positioned on the first header (15; 36), which are engageable with of a first side (33; 54) of the second heat exchanger (30; 50) for defining a rotation axis parallel to a longitudinal axis of the first header, around which the second heat exchanger (30; 50) is rotatable relative to the first heat exchanger (10; 30), and quick fastening formations or accessories (18, 19; 38, 39) positioned on the second header (16; 35), which are engageable with the second side (53) of the second heat exchanger (30; 50) for fixing the second heat exchanger against the first heat exchanger (10; 30).

IPC 8 full level

F28D 1/04 (2006.01); **F28F 9/00** (2006.01)

CPC (source: EP)

F28D 1/0435 (2013.01); **F28F 9/002** (2013.01); **F28F 2255/143** (2013.01); **F28F 2275/085** (2013.01)

Citation (applicant)

EP 0693665 A2 19960124 - BEHR GMBH & CO [DE]

Citation (search report)

- [A] EP 0693665 A2 19960124 - BEHR GMBH & CO [DE]
- [A] FR 2713754 A1 19950616 - BEHR GMBH & CO [DE]
- [A] EP 1291204 A1 20030312 - DELPHI TECH INC [US]
- [A] EP 1757888 A2 20070228 - BEHR GMBH & CO KG [DE]
- [A] DE 102008047077 A1 20090625 - BEHR GMBH & CO KG [DE], et al
- [A] DE 102006051864 A1 20080508 - BEHR GMBH & CO KG [DE]

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FR3088712A1; FR3041421A1; EP4050291A1; WO2017046532A1; WO2020099773A1; WO2014124847A1; WO2022179771A1

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)

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DOCDB simple family (application)

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