

Title (en)
HEAT EXCHANGER HEADER

Title (de)
WÄRMETAUSCHERKOPF

Title (fr)
COLLECTEUR POUR ÉCHANGEUR DE CHALEUR

Publication
EP 3577408 A1 20191211 (FR)

Application
EP 18705700 A 20180131

Priority
• FR 1750795 A 20170131
• FR 2018050225 W 20180131

Abstract (en)
[origin: WO2018142067A1] The present invention relates to a header (3) for heat exchanger (1) comprising: # a header plate (4) comprising orifices intended to receive tubes (2), said header plate (4) comprising a peripheral groove (42), # a compressible gasket (44) placed inside the peripheral groove (42), # a cover (8) covering the header plate (4) and comprising lateral walls (81) which become inserted in the peripheral groove (42) and compress the gasket (44), the lateral walls (81) of the cover (8) comprising projecting retaining elements (82) that come to bear against the header plate (4).

IPC 8 full level
F28D 7/16 (2006.01); **F28F 9/02** (2006.01)

CPC (source: EP US)
F28D 1/05366 (2013.01 - US); **F28D 7/1684** (2013.01 - EP US); **F28F 9/0226** (2013.01 - EP US); **F28F 2275/122** (2013.01 - US)

Citation (search report)
See references of WO 2018142067A1

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)
FR 3062473 A1 20180803; FR 3062473 B1 20190419; CN 110325811 A 20191011; CN 110325811 B 20211102; EP 3577408 A1 20191211; EP 3577408 B1 20230419; US 2019390917 A1 20191226; WO 2018142067 A1 20180809

DOCDB simple family (application)
FR 1750795 A 20170131; CN 201880009443 A 20180131; EP 18705700 A 20180131; FR 2018050225 W 20180131; US 201816480814 A 20180131