

Title (en)

ATTACHMENT DEVICE FOR HEAT EXCHANGER

Title (de)

BEFESTIGUNGSVORRICHTUNG FÜR EINEN WÄRMETAUSCHER

Title (fr)

DISPOSITIF DE FIXATION POUR ÉCHANGEUR DE CHALEUR

Publication

EP 3218665 A1 20170920 (FR)

Application

EP 15794916 A 20151113

Priority

- FR 1460990 A 20141114
- EP 2015076621 W 20151113

Abstract (en)

[origin: WO2016075320A1] The invention relates to an attachment device (3) for a heat exchanger (2) including a core (23) for exchanging heat between a first fluid and a second fluid, said core (23) being provided with collectors (21) for the first fluid, said exchanger (2) including a cylinder (25), said cylinder (25) and one of said collectors (21) allowing the passage of said first fluid from one to the other, said attachment device (3) including a body, configured to close said cylinder (25), and an extension making it possible to secure the core (23) to a mounting (4). The invention also relates to a cylinder (25) having this type of attachment device (3), a heat exchanger (2) having this type of cylinder (25), and a heat-exchange module having this type of heat exchanger (2).

IPC 8 full level

F28F 9/00 (2006.01); **F28D 21/00** (2006.01)

CPC (source: CN EP KR US)

F25B 39/00 (2013.01 - US); **F28F 9/002** (2013.01 - CN EP KR US); **F28F 9/262** (2013.01 - US); **F25B 39/04** (2013.01 - US); **F25B 2339/0442** (2013.01 - CN EP KR US); **F28D 2021/0084** (2013.01 - CN EP KR US); **F28F 9/18** (2013.01 - US); **F28F 2220/00** (2013.01 - CN EP KR US)

Citation (search report)

See references of WO 2016075320A1

Citation (examination)

JP H11223422 A 19990817 - ZEXEL CORP

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)

WO 2016075320 A1 20160519; CN 107278258 A 20171020; EP 3218665 A1 20170920; FR 3028605 A1 20160520; FR 3028605 B1 20190405; JP 2017534043 A 20171116; KR 20170085547 A 20170724; US 10458726 B2 20191029; US 2017356699 A1 20171214

DOCDB simple family (application)

EP 2015076621 W 20151113; CN 201580071067 A 20151113; EP 15794916 A 20151113; FR 1460990 A 20141114; JP 2017526121 A 20151113; KR 20177016024 A 20151113; US 201515526043 A 20151113