

Title (en)

HEAT EXCHANGER EQUIPPED WITH A FILTERING ELEMENT

Title (de)

WÄRMETAUSCHER MIT EINEM FILTERELEMENT

Title (fr)

ECHANGEUR DE CHALEUR EQUIPE D'UN ELEMENT FILTRANT

Publication

EP 3465065 A1 20190410 (FR)

Application

EP 17725941 A 20170523

Priority

- FR 1654589 A 20160523
- EP 2017062366 W 20170523

Abstract (en)

[origin: WO2017202821A1] The invention relates to a heat exchanger (10) comprising a shell (12) containing an assembly of tubular heat exchange elements (16) defining at least two independent fluid circulation circuits, the shell (12) further comprising at least one filtering element (20) associated with a fluid circuit and arranged inside the shell (12) between an inlet opening of the shell and an inlet face (18) of the fluid into a fluid circuit, characterized in that the filtering element (20) is planar and in that the heat exchanger comprises at least one bearing element (30) keeping one face of the filtering element at a predetermined distance away from the said inlet face, substantially parallel thereto, the bearing element bearing against the said face of the filtering element or against the said inlet face, optionally without any means of connection between the bearing element and the filtering element.

IPC 8 full level

F28F 19/01 (2006.01); **F28D 7/16** (2006.01)

CPC (source: EP)

F28F 19/01 (2013.01); **F28D 7/16** (2013.01)

Citation (search report)

See references of WO 2017202821A1

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 3051550 A1 20171124; FR 3051550 B1 20190503; EP 3465065 A1 20190410; EP 3465065 B1 20201111; WO 2017202821 A1 20171130

DOCDB simple family (application)

FR 1654589 A 20160523; EP 17725941 A 20170523; EP 2017062366 W 20170523