

Title (en)

HEAT EXCHANGER, CORRESPONDING FLAT TUBE AND CORRESPONDING PLATE

Title (de)

WÄRMETAUSCHER, ENTSPRECHENDES FLACHROHR UND ENTSPRECHENDE PLATTE

Title (fr)

ECHANGEUR THERMIQUE, TUBE PLAT ET PLAQUE CORRESPONDANTS

Publication

EP 2810007 A1 20141210 (FR)

Application

EP 13701774 A 20130129

Priority

- FR 1250842 A 20120130
- EP 2013051653 W 20130129

Abstract (en)

[origin: WO2013113687A1] The invention relates to a heat exchanger comprising a bundle of flat tubes for the circulation of a fluid, these being respectively formed by assembling a pair of plates (7) defining circulation channels (19) for said fluid that communicate with one another at one end so as to define a multi-pass circulation of said fluid, characterized in that said circulation channels (19) are of variable lengths. The invention also relates to a flat tube for such an exchanger. The invention further relates to a plate (7) for such a heat exchanger flat tube.

IPC 8 full level

F28D 1/03 (2006.01); **F28D 9/00** (2006.01)

CPC (source: EP)

F28D 1/0341 (2013.01); **F28D 9/0056** (2013.01); **F28D 2021/0082** (2013.01)

Citation (search report)

See references of WO 2013113687A1

Citation (examination)

- JP H0939553 A 19970210 - CALSONIC CORP
- JP H09323526 A 19971216 - SANDEN 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)

FR 2986312 A1 20130802; EP 2810007 A1 20141210; WO 2013113687 A1 20130808

DOCDB simple family (application)

FR 1250842 A 20120130; EP 13701774 A 20130129; EP 2013051653 W 20130129