

Title (en)
HEAT EXCHANGER AND METHOD FOR MANUFACTURING SAME

Title (de)
WÄRMETAUSCHER UND VERFAHREN ZU HERSTELLUNG DAVON

Title (fr)
ÉCHANGEUR DE CHALEUR ET SON PROCÉDÉ DE FABRICATION

Publication
EP 3433560 B1 20200415 (FR)

Application
EP 17715244 A 20170317

Priority
• FR 1652424 A 20160321
• FR 2017050629 W 20170317

Abstract (en)
[origin: WO2017162966A1] The present invention relates to a mechanical heat exchanger (1) and to the method for manufacturing same. Said heat exchanger (1) includes: pipes (3) parallel to one another and capable of carrying a first heat-transfer fluid, and at least one stack of fins (4) including openings through which pipes (3) pass, characterised in that, when the exchanger is observed in a direction perpendicular to the pipes (3), the fins (4) form with one of the pipes (3), at the site of the openings, an angle other than 90°. The invention also relates to the method for manufacturing such a heat exchanger.

IPC 8 full level
F28F 1/32 (2006.01); **F28F 1/34** (2006.01)

CPC (source: EP)
F28F 1/32 (2013.01); **F28F 1/34** (2013.01)

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

DOCDB simple family (publication)
FR 3049048 A1 20170922; FR 3049048 B1 20190419; CN 109477700 A 20190315; CN 109477700 B 20210511; EP 3433560 A1 20190130;
EP 3433560 B1 20200415; WO 2017162966 A1 20170928

DOCDB simple family (application)
FR 1652424 A 20160321; CN 201780031527 A 20170317; EP 17715244 A 20170317; FR 2017050629 W 20170317