

Title (en)

HEAT EXCHANGER

Title (de)

W RMETAUSCHER

Title (fr)

ECHANGEUR DE CHALEUR

Publication

EP 1488185 B1 20080813 (DE)

Application

EP 03729917 A 20030312

Priority

- DE 10211635 A 20020315
- EP 0302557 W 20030312

Abstract (en)

[origin: WO03078913A1] The invention relates to a heat exchanger having a plurality of tubes (101) which are arranged in a parallel manner. Two tube parts (130) and (131) are arranged radially outside the tubes (101) in such a way that one part of the first part of the tube (130) is arranged radially outside one part of the second part of the tube (131) on one partial area of the axial extension of the heat exchanger. A sealing element (150) is also arranged in the area where both tube parts (130) and (131) extend over a partial area of the sealing element in the axial direction thereof in radial contact with each other.

IPC 8 full level

F28F 9/02 (2006.01)

CPC (source: EP US)

F28F 9/0236 (2013.01 - EP US); **F28D 21/0003** (2013.01 - EP US); **F28F 2230/00** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

Designated extension state (EPC)

AL LT LV MK

DOCDB simple family (publication)

WO 03078913 A1 20030925; AT E404838 T1 20080815; AU 2003240443 A1 20030929; DE 10211635 A1 20030925; DE 50310319 D1 20080925; EP 1488185 A1 20041222; EP 1488185 B1 20080813; ES 2311704 T3 20090216; US 2005224213 A1 20051013

DOCDB simple family (application)

EP 0302557 W 20030312; AT 03729917 T 20030312; AU 2003240443 A 20030312; DE 10211635 A 20020315; DE 50310319 T 20030312; EP 03729917 A 20030312; ES 03729917 T 20030312; US 50711904 A 20040910