

Title (en)

A HEAT EXCHANGER, COMBINATION WITH HEAT EXCHANGER AND METHOD OF MANUFACTURING THE HEAT EXCHANGER

Title (de)

WÄRMETAUSCHER, KOMBINATION MIT WÄRMETAUSCHER UND HERSTELLUNG DES WÄRMETAUSCHERS

Title (fr)

ECHANGEUR DE CHALEUR, DISPOSITIF COMPRENANT UN ECHANGEUR DE CHALEUR ET PROCEDE DE FABRICATION DE CET ECHANGEUR DE CHALEUR

Publication

EP 1454107 A1 20040908 (EN)

Application

EP 02787427 A 20021107

Priority

- DK 0200748 W 20021107
- DK PA200101661 A 20011109

Abstract (en)

[origin: WO03040641A1] A heat exchanger for heat exchange between a first and a second fluid and comprising a cylindrical casing (2), a cylindrical fluid conduit (5) arranged inside the casing such that an axially extending tubular space (8) is defined, at least one helical coil (9, 10) of a finned or corrugated tube being arranged inside the tubular space, and adjustable throttle means (17, 17a, 18) adapted and arranged for adjustably throttling flow of the first fluid through the conduit (5) to adjust the flow of the first fluid through the conduit and the first tubular space for adjusting the heat exchange between the first fluid and the second fluid flowing through the helical coils (9, 10).

IPC 1-7

F28D 7/02; **F28F 27/02**; **B21D 53/02**

IPC 8 full level

F02C 6/18 (2006.01); **F24D 10/00** (2006.01); **F24D 12/02** (2006.01); **F28D 7/02** (2006.01); **F28D 7/10** (2006.01); **F28D 21/00** (2006.01); **F28F 1/08** (2006.01); **F28F 1/36** (2006.01); **F28F 9/013** (2006.01); **F28F 27/00** (2006.01); **F28F 27/02** (2006.01)

CPC (source: EP)

F24D 10/00 (2013.01); **F24D 12/02** (2013.01); **F28D 7/024** (2013.01); **F28D 21/0007** (2013.01); **F28F 1/08** (2013.01); **F28F 1/36** (2013.01); **F28F 9/013** (2013.01); **F28F 27/02** (2013.01); **F24D 2200/18** (2013.01); **F28F 2250/06** (2013.01); **Y02B 30/00** (2013.01); **Y02B 30/17** (2018.04); **Y02E 20/14** (2013.01)

Citation (search report)

See references of WO 03040641A1

Cited by

CN113939373A

Designated contracting state (EPC)

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

DOCDB simple family (publication)

WO 03040641 A1 20030515; BR 0213998 A 20040908; CA 2466564 A1 20030515; CN 1585884 A 20050223; EP 1454107 A1 20040908; JP 2005509125 A 20050407

DOCDB simple family (application)

DK 0200748 W 20021107; BR 0213998 A 20021107; CA 2466564 A 20021107; CN 02822281 A 20021107; EP 02787427 A 20021107; JP 2003542853 A 20021107