

Title (en)

HEAT EXCHANGER WITH BEVELED HEADER

Title (de)

WARMETAUSCHER MIT ABGESCHRÄGTEN ENDKAMMERN

Title (fr)

ECHANGEUR THERMIQUE AVEC COLLECTEUR BISEAUTE

Publication

**EP 1242278 A4 20031015 (EN)**

Application

**EP 00990445 A 20001026**

Priority

- US 0041599 W 20001026
- US 42756599 A 19991026

Abstract (en)

[origin: WO0131264A2] A header for a heat exchanger, the header having a beveled closed end portion.

[origin: WO0131264A2] A header (204) for a keel cooler heat exchanger (200), the header (204) having a beveled closed end portion (216).

IPC 1-7

**B63H 21/10**; **F28F 1/04**; **F28D 1/04**

IPC 8 full level

**F01P 3/20** (2006.01); **F28D 1/053** (2006.01); **F28F 1/04** (2006.01); **F28F 9/02** (2006.01); **F28F 9/04** (2006.01)

CPC (source: EP KR)

**B63B 3/38** (2013.01 - EP); **B63H 21/383** (2013.01 - EP); **F01P 3/207** (2013.01 - EP); **F28D 1/022** (2013.01 - EP); **F28D 1/05366** (2013.01 - EP); **F28D 9/00** (2013.01 - KR); **F28F 1/04** (2013.01 - EP); **F28F 9/02** (2013.01 - EP); **F28F 9/0224** (2013.01 - EP); **F28F 9/0246** (2013.01 - EP)

Citation (search report)

- [Y] US 5931217 A 19990803 - FERNSTRUM PAUL W [US]
- [Y] US 4338993 A 19820713 - FERNSTRUM PAUL W
- See references of WO 0131264A2

Citation (examination)

- US 4043289 A 19770823 - WALTER GUSTAVE
- US 3240179 A 19660315 - RANST CORNELIUS W VAN

Designated contracting state (EPC)

AT BE CH CY DE FR GB LI NL

DOCDB simple family (publication)

**WO 0131264 A2 20010503**; **WO 0131264 A3 20020117**; **WO 0131264 A8 20020808**; AU 2747201 A 20010508; BR 0015212 A 20020618; BR 0015212 B1 20101116; CA 2389845 A1 20010503; CA 2389845 C 20050628; CN 1270938 C 20060823; CN 1382089 A 20021127; EP 1242278 A2 20020925; EP 1242278 A4 20031015; KR 20020047266 A 20020621; ZA 200202796 B 20070131

DOCDB simple family (application)

**US 0041599 W 20001026**; AU 2747201 A 20001026; BR 0015212 A 20001026; CA 2389845 A 20001026; CN 00814811 A 20001026; EP 00990445 A 20001026; KR 20027005240 A 20020424; ZA 200202796 A 20020411