

Title (en)

FLAT PIPE COMPRISING A RETURN BEND SECTION AND A HEAT EXCHANGER CONSTRUCTED THEREWITH

Title (de)

FLACHROHR MIT UMKEHRBOGENABSCHNITT UND DAMIT AUFGEBAUTER W R ME BERTRAGER

Title (fr)

TUBE PLAT PRESENTANT UNE SECTION COUDEE EN U ET ECHANGEUR THERMIQUE COMPORTANT UN TEL TUBE PLAT

Publication

EP 1597529 B1 20070711 (DE)

Application

EP 04710027 A 20040211

Priority

- EP 2004001257 W 20040211
- DE 10306848 A 20030218

Abstract (en)

[origin: DE10306848A1] The flat tube (1) has a bent over section (3) so that connected sections (2a,2b) have opposite flow directions (4a, 4b) and mutually offset longitudinal axes (5a, 5b). The bent over section is formed so that a main bend axis (A) is parallel to the plane of the flat tube and at a definable angle to the pipe length, whereby the flat tube plane is defined by the length and width directions of the flat tube. An independent claim is also included for the following: (a) a gas cooler with an inventive device (b) and an evaporator with an inventive device.

IPC 8 full level

F28F 1/00 (2006.01); **F28D 1/047** (2006.01)

CPC (source: EP US)

F28D 1/0476 (2013.01 - EP US); **F28D 1/0478** (2013.01 - EP US); **F28D 2021/0073** (2013.01 - EP US)

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US 2006243432 A1 20061102; AT E366905 T1 20070815; BR PI0407582 A 20060214; CN 100362303 C 20080116; CN 1751216 A 20060322; DE 10306848 A1 20040826; DE 502004004288 D1 20070823; EP 1597529 A2 20051123; EP 1597529 B1 20070711; JP 2006518029 A 20060803; WO 2004074756 A2 20040902; WO 2004074756 A3 20041021

DOCDB simple family (application)

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