

Title (en)

Heat exchanger fin

Title (de)

Rippe für Wärmetauscher

Title (fr)

Ailette pour échangeur de chaleur

Publication

EP 0672882 B1 19981007 (DE)

Application

EP 94120181 A 19941220

Priority

DE 4404837 A 19940216

Abstract (en)

[origin: EP0672882A1] The vein is fixed crosswise to a network of pipes and has through passages (2) to accommodate the pipes. The pipes has a first pref. fluid medium flowing through them and the veins act upon a second pref. gaseous medium. The veins are positioned by integral spaced binding members. The binding members are formed on the through passages and comprise circumferentially spaced nozzles around the circumference of the through passages. The cross section of the pipe and through passage arrangement is oval or elliptical pref. with an axis ratio of more than 3:1.

IPC 1-7

F28F 1/32

IPC 8 full level

F28F 1/32 (2006.01)

CPC (source: EP US)

F28F 1/32 (2013.01 - EP US); **F28F 1/325** (2013.01 - EP US); **F28F 2275/125** (2013.01 - EP US); **Y10S 165/501** (2013.01 - EP US); **Y10S 165/503** (2013.01 - EP US); **Y10T 29/4938** (2015.01 - EP US)

Cited by

US5975200A; EP1890101A1; EP0803695A3

Designated contracting state (EPC)

DE ES FR GB IT SE

DOCDB simple family (publication)

DE 4404837 A1 19950817; DE 59407053 D1 19981112; EP 0672882 A1 19950920; EP 0672882 B1 19981007; ES 2123089 T3 19990101; US 5582244 A 19961210; US 5706695 A 19980113

DOCDB simple family (application)

DE 4404837 A 19940216; DE 59407053 T 19941220; EP 94120181 A 19941220; ES 94120181 T 19941220; US 38904995 A 19950215; US 74633496 A 19961108