

Title (en)

TIGHT CHAMBER OF A HEAT EXCHANGER WITH A MANTLE CONSISTING OF STRAIGHT WATER PIPES ARRANGED CONCENTRICALLY AROUND A CENTRAL BURNER

Publication

EP 0051516 B1 19840711 (FR)

Application

EP 81401624 A 19811016

Priority

FR 8023288 A 19801031

Abstract (en)

[origin: ES8206816A1] A gas-tight chamber for a heat exchanger has a shell (12) forming the gas-tight chamber made of a light flexible or semirigid material such as rubber or thin silicone-treated sheet material which, because of its low weight and relative flexibility, absorbs all the vibrations produced and maintained by the burners, which eliminates the noise. The exchangers have a layer of longitudinal water tubes arranged concentrically around a central burner.

IPC 1-7

F24H 1/40; **F24H 1/10**; **F24H 1/18**

IPC 8 full level

F24H 9/00 (2006.01); **F24H 1/40** (2006.01); **F24H 9/02** (2006.01); **F28F 9/00** (2006.01)

CPC (source: EP US)

F24H 1/403 (2013.01 - EP US); **F24H 9/02** (2013.01 - EP US); **F28F 9/00** (2013.01 - EP US); **F24H 2203/00** (2013.01 - EP US)

Cited by

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