

Title (en)

Heat exchanger with tube bundle in cylindrical housing

Title (de)

Rohrbündelwärmetauscher mit zylindrischem Gehäuse

Title (fr)

Echangeur de chaleur à faisceau de tubes contenu dans un boîtier cylindrique

Publication

EP 1001239 B1 20030416 (FR)

Application

EP 99122386 A 19991110

Priority

FR 9814347 A 19981116

Abstract (en)

[origin: EP1001239A1] The heat exchanger, made e.g. from stainless steel, has a generally cylindrical housing with an inlet and outlet, end partitions with a bank of parallel tubes passing through them, and domed end covers (8) forming manifolds. each end cover is made from drawn sheet metal, and at least one of them has a cylindrical portion (10) for connecting to the inside of a flange for a second fluid inlet or outlet pipe. The cylindrical and adjacent radial (19) portions of the dome are connected to the flange by brazing.

IPC 1-7

F28D 7/16; **F28F 9/02**

IPC 8 full level

F28D 7/16 (2006.01); **F28F 9/02** (2006.01)

CPC (source: EP US)

F28D 7/16 (2013.01 - EP US); **F28F 9/02** (2013.01 - EP US); **F28F 9/0219** (2013.01 - EP US); **F28D 21/0003** (2013.01 - EP US); **F28F 2009/029** (2013.01 - EP US); **Y10S 165/416** (2013.01 - EP US)

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Designated contracting state (EPC)

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