

Title (en)
Heat exchanger

Title (de)
Wärmetauscher

Title (fr)
Échangeur de chaleur

Publication
EP 2354703 B1 20150805 (EN)

Application
EP 11152168 A 20110126

Priority
NL 2004147 A 20100126

Abstract (en)
[origin: EP2354703A2] The invention relates to a heat exchanger for transferring heat from a heat source to a fluid flowing in a first channel, comprising an inner wall made of heat conducting material, surrounding the heat source, being thermally connected with the heat source and having the shape of a surface of revolution, a outer wall concentric to the inner wall, wherein the distance between both walls is substantially constant and a first conduit comprising the first channel, extending between both walls and being in thermal contact with the inner wall. Preferably said tube has been deformed by subjecting the inner side of the tube to a pressure sufficiently high to cause such a permanent deforming of the tube that it is clamped between the inner and outer walls.

IPC 8 full level
F24H 1/43 (2006.01); **F24H 1/44** (2006.01); **F24H 1/52** (2006.01)

CPC (source: EP)
F24H 1/24 (2013.01); **F24H 1/43** (2013.01); **F24H 1/44** (2013.01); **F24H 1/52** (2013.01); **F24H 1/523** (2013.01); **F28D 7/024** (2013.01)

Cited by
DE102014110718A1; JP2015004470A

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 2354703 A2 20110810; EP 2354703 A3 20130821; EP 2354703 B1 20150805; NL 2004147 C2 20110727

DOCDB simple family (application)
EP 11152168 A 20110126; NL 2004147 A 20100126