

Title (en)  
A spiral heat exchanger

Title (de)  
Spiralwärmetauscher

Title (fr)  
Échangeur thermique à spirales

Publication  
**EP 2270412 B1 20120801 (EN)**

Application  
**EP 09162467 A 20090611**

Priority  
EP 09162467 A 20090611

Abstract (en)  
[origin: EP2270412A1] A spiral heat exchanger (1) including a spiral body (2) formed by at least one spiral sheet wound to form the spiral body (2) forming at least a first spiral-shaped flow channel for a first medium and a second spiral-shaped flow channel for a second medium, wherein the spiral body (2) is enclosed by a substantially cylindrical shell (4) being provided with connecting elements (8a, 8b, 9a, 9b) communicating with the first flow channel and the second flow channel, where the spiral body (2) is provided with at least one fixedly attached divider (3) on its outer peripheral surface, whereupon the at least two shell parts (4a, 4b) are fixedly attached, where the at least one fixedly attached divider (3) creates two separate flow channels between the outer peripheral surface of the spiral body (2) and the substantially cylindrical shell (4).

IPC 8 full level  
**F28D 9/04** (2006.01); **F28F 9/00** (2006.01)

CPC (source: EP)  
**F28D 9/04** (2013.01); **F28F 9/00** (2013.01)

Designated contracting state (EPC)  
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 SE SI SK TR

DOCDB simple family (publication)  
**EP 2270412 A1 20110105; EP 2270412 B1 20120801**; DK 2270412 T3 20121022; ES 2391439 T3 20121126; WO 2010142749 A1 20101216

DOCDB simple family (application)  
**EP 09162467 A 20090611**; DK 09162467 T 20090611; EP 2010058121 W 20100610; ES 09162467 T 20090611