

Title (en)
Heat exchanger

Title (de)
Wärmeübertrager

Title (fr)
Echangeur de chaleur

Publication
EP 1248064 B1 20090513 (DE)

Application
EP 02007439 A 20020330

Priority
DE 10116949 A 20010405

Abstract (en)
[origin: EP1248064A1] Heat exchanger comprises tubular spirals (2) arranged on top of each other and opening into a common distribution pipe (3) and collecting pipe (4). The tubular spirals are double spirals running inward from a point on the outer periphery, reversing direction near the center, and running outward again in the radial intermediate space in the same plane. Preferred Features: The tubular coils are mirror images of each other and are alternately connected to the distribution pipe and collecting pipe.

IPC 8 full level
F28D 7/04 (2006.01)

CPC (source: EP)
F28D 7/04 (2013.01)

Cited by
FR2962201A1; WO2012049318A1; WO2004109209A1; WO2006045551A3

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
EP 1248064 A1 20021009; EP 1248064 B1 20090513; AT E431534 T1 20090515; DE 10116949 A1 20021017; DE 50213537 D1 20090625

DOCDB simple family (application)
EP 02007439 A 20020330; AT 02007439 T 20020330; DE 10116949 A 20010405; DE 50213537 T 20020330