

Title (en)

COIL HEAT EXCHANGER, AND AIR-CONDITIONING DEVICE INCLUDING SUCH A HEAT EXCHANGER

Title (de)

ROHRSCHLANGEN-WÄRMETAUSCHER UND LUFTKLIMATISIERUNGSVORRICHTUNG MIT SOLCH EINEM WÄRMETAUSCHER

Title (fr)

ECHANGEUR DE CHALEUR À SPIRES ET DISPOSITIF DE CLIMATISATION COMPRENANT UN TEL ÉCHANGEUR DE CHALEUR.

Publication

**EP 2366087 A1 20110921 (FR)**

Application

**EP 09784354 A 20091130**

Priority

- FR 2009001360 W 20091130
- FR 0806737 A 20081201

Abstract (en)

[origin: WO2010063897A1] The invention relates to a heat exchanger (3), including a casing (13) containing a planar tube (7) that winds around itself to form consecutive coils (11, 11a, 11b). Two consecutive coils (11, 11a, 11b) that face each other are separated by interstitial space (12). The interstitial space (12) extends between two consecutive coils (11, 11a, 11b) that face each other from a distance of separation D of 0.5 mm to 5 mm.

IPC 8 full level

**F25B 1/00** (2006.01); **F25B 5/04** (2006.01); **F25B 6/04** (2006.01); **F28D 7/04** (2006.01); **F28F 1/02** (2006.01); **F28F 9/00** (2006.01)

CPC (source: EP)

**F28D 7/04** (2013.01); **F28F 1/022** (2013.01); **F28F 9/00** (2013.01)

Citation (search report)

See references of WO 2010063897A1

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 SM TR

DOCDB simple family (publication)

**FR 2939187 A1 20100604; FR 2939187 B1 20130222;** EP 2366087 A1 20110921; JP 2012510600 A 20120510; WO 2010063897 A1 20100610

DOCDB simple family (application)

**FR 0806737 A 20081201;** EP 09784354 A 20091130; FR 2009001360 W 20091130; JP 2011538020 A 20091130