

Title (en)

Heat exchanger with headers and distribution tube

Title (de)

Wärmetauscher mit Verteiler- und Sammelkasten sowie Zuführungsrohr

Title (fr)

Échangeur de chaleur avec boîtes et tube à distribution

Publication

EP 2299224 A3 20140903 (EN)

Application

EP 10009474 A 20100913

Priority

CN 200910173434 A 20090916

Abstract (en)

[origin: EP2299224A2] A heat exchanger is provided, comprising: an inlet header (2) defining a refrigerant chamber therein; an outlet header (6) spaced apart from the inlet header (2); a plurality of tubes (3), two ends of each tube (3) being connected and communicated with the inlet and outlet headers (2, 6) respectively; a plurality of fins (7), each of which is interposed between adjacent tubes (3), and a distribution tube (1) disposed outside the refrigerant chamber and formed with a distribution opening, through which the distribution tube is communicated with the refrigerant chamber.

IPC 8 full level

F28D 1/053 (2006.01); **F28F 9/02** (2006.01)

CPC (source: EP US)

F28D 1/053 (2013.01 - EP US); **F28F 9/0273** (2013.01 - EP US)

Citation (search report)

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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 SE SI SK SM TR

Designated extension state (EPC)

BA ME RS

DOCDB simple family (publication)

EP 2299224 A2 20110323; **EP 2299224 A3 20140903**; **EP 2299224 B1 20200520**; CN 101660870 A 20100303; CN 101660870 B 20120718; US 2011061844 A1 20110317

DOCDB simple family (application)

EP 10009474 A 20100913; CN 200910173434 A 20090916; US 87250810 A 20100831