

Title (en)

Condenser and heat pump and household appliance with such a condenser

Title (de)

Verflüssiger sowie Wärmepumpe und Haushaltsgerät mit einem solchen Verflüssiger

Title (fr)

Dispositif de condensation ainsi que pompe à chaleur et appareil ménager dotés d'un tel dispositif

Publication

EP 2244044 A3 20170111 (DE)

Application

EP 10382043 A 20100225

Priority

ES 200930066 A 20090415

Abstract (en)

[origin: EP2244044A2] The condenser (2) has a coolant line (6) through which coolant passes. The coolant line itself, or at least a considerable part of its, is made in the form of cooling fins on a flattened guide tube (12). This tube has a width-length ration from 1:3 to 1:30, preferably 1:5 to 1:20 and ideally 1.7 to 1.15. The coolant line may consist of several micro-tubes alongside each other.

IPC 8 full level

F28D 1/047 (2006.01); **F28F 1/00** (2006.01); **F28F 1/02** (2006.01)

CPC (source: EP ES)

F28D 1/0478 (2013.01 - EP ES); **F28F 1/006** (2013.01 - EP); **F28F 1/022** (2013.01 - EP ES); **F28F 1/025** (2013.01 - EP); **F28D 2021/007** (2013.01 - EP); **F28F 2215/06** (2013.01 - EP)

Citation (search report)

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- [Y] JP H01312391 A 19891218 - MATSUSHITA ELECTRIC IND CO LTD, et al
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- [XAI] EP 0374895 A2 19900627 - THERMAL WAERME KAELTE KLIMA [DE]
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Cited by

EP2871432A1; DE102019207225A1; WO2015068092A1

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

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

EP 2244044 A2 20101027; **EP 2244044 A3 20170111**; ES 2385767 A1 20120731; ES 2385767 B1 20130617

DOCDB simple family (application)

EP 10382043 A 20100225; ES 200930066 A 20090415