

Title (en)
HEAT EXCHANGER AND AIR CONDITIONER

Title (de)
WÄRMETAUSCHER UND KLIMAAANLAGE

Title (fr)
ÉCHANGEUR DE CHALEUR ET CLIMATISEUR

Publication
EP 3376149 A4 20181205 (EN)

Application
EP 17759690 A 20170217

Priority
• JP 2016038405 A 20160229
• JP 2017005960 W 20170217

Abstract (en)
[origin: EP3376149A1] A heat exchanger (10) is provided with: a plurality of first heat transfer tubes (21); a first header section (52); a plurality of second heat transfer tubes (22); a second header section (53); a first connecting tube (55); and a second connecting tube (56). The plurality of first heat transfer tubes (21) extend in the horizontal direction and are arranged with gaps therebetween in the vertical direction. One end of each of the plurality of first heat transfer tubes (21) is connected to the first header section (52) in a communicating state. The plurality of second heat transfer tubes (22) extend in the horizontal direction and are arranged with gaps therebetween in the vertical direction. One end of each of the plurality of second heat transfer tubes (22) is connected to the second header section (53) in a communicating state. The first connecting tube (55) connects a lower portion of the first header section (52) and an upper portion of the second header section (53). The second connecting tube (56) connects an upper portion of the first header section (52) and a lower portion of the second header section (53).

IPC 8 full level
F28F 9/02 (2006.01); **F25B 39/00** (2006.01); **F28F 9/22** (2006.01)

CPC (source: EP)
F25B 39/02 (2013.01); **F28D 1/05391** (2013.01); **F28F 9/0214** (2013.01); **F25B 2339/02** (2013.01)

Citation (search report)
• No further relevant documents disclosed
• See references of WO 2017150221A1

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Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
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