

Title (en)
HEAT EXCHANGE UNIT FOR AIR CONDITIONING DEVICE

Title (de)
WÄRMEAUSTAUSCHEINHEIT FÜR KLIMATISIERUNGSVORRICHTUNG

Title (fr)
UNITÉ D'ÉCHANGE DE CHALEUR POUR DISPOSITIF DE CLIMATISATION

Publication
EP 3249309 A4 20180221 (EN)

Application
EP 16740050 A 20160114

Priority

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- JP 2016050959 W 20160114

Abstract (en)
[origin: EP3249309A1] A heat exchange unit of an air conditioning apparatus provided with a heat exchanger having a plurality of heat transfer tubes and heat transfer fins, and a casing having a support part on which the heat exchanger is placed, wherein crushing of the heat transfer fins in a lower end of the heat exchanger is suppressed. A heat exchange unit (2) has a heat exchanger (23) having a plurality of heat transfer tubes (61) and heat transfer fins (64), and a casing (51) having a support part (52) on which the heat exchanger is placed. The heat exchange unit further has a spacer member (71, 72, 73) and a fin crushing prevention member (80). The spacer member is disposed between the heat exchanger and the support part. The fin crushing prevention member is disposed between the spacer member and a lowest-row heat transfer tube (61a), which is the lowest heat transfer tube of the plurality of heat transfer tubes, the fin crushing prevention member having higher rigidity than the heat transfer fins.

IPC 8 full level
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CPC (source: EP)
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Citation (search report)

- [XA] JP S6014426 U 19850131
- [XA] JP H0250033 A 19900220 - MITSUBISHI ELECTRIC CORP
- [A] JP 2013231526 A 20131114 - DAIKIN IND LTD
- [A] JP 2010151387 A 20100708 - MITSUBISHI ELECTRIC CORP
- See references of WO 2016117443A1

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