

Title (en)
AIR CONDITIONER AND HEAT EXCHANGER

Title (de)
KLIMAANLAGE UND WÄRMETAUSCHER

Title (fr)
CLIMATISEUR ET ÉCHANGEUR THERMIQUE

Publication
EP 3091295 A4 20171018 (EN)

Application
EP 13900503 A 20131226

Priority
JP 2013084936 W 20131226

Abstract (en)
[origin: EP3091295A1] An air conditioner includes a housing (5) provided with a heat exchange chamber (19) and a blowing chamber (18), a heat exchanger (28) provided in the heat exchange chamber (19), and a blower (21) provided in the blowing chamber (18). The heat exchanger (28) includes a first heat exchange unit (35) extending in a direction away from the blower (21), a second heat exchange unit (36) separated from the first heat exchange unit (35) in the thickness direction of the housing (5), and extending toward the blower (21), and a third heat exchange unit (37) connecting the first heat exchange unit (35) and the second heat exchange unit (36) to each other.

IPC 8 full level
F24F 1/0067 (2019.01); **F24F 13/30** (2006.01); **F25B 39/00** (2006.01); **F28D 1/02** (2006.01); **F28D 1/047** (2006.01); **F28F 1/32** (2006.01)

CPC (source: EP US)
F24F 1/0067 (2019.02 - EP US); **F24F 13/30** (2013.01 - EP); **F28D 1/0477** (2013.01 - EP); **F28D 2001/0266** (2013.01 - EP); **F28F 1/325** (2013.01 - EP)

Citation (search report)

- [X] US 5121613 A 19920616 - COX JIMMY L [US], et al
- [XI] WO 2011158309 A1 20111222 - MITSUBISHI ELECTRIC CORP [JP], et al
- [XI] EP 2395290 A1 20111214 - MITSUBISHI ELECTRIC CORP [JP]
- [X] US 6378605 B1 20020430 - KUTSCHER CHARLES F [US], et al
- See also references of WO 2015097821A1

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WO2020062729A1

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 RS SE SI SK SM TR

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