

Title (en)
MULTI-TYPE AIR CONDITIONING SYSTEM AND INDOOR UNIT

Title (de)
MEHRTYP-KLIMAANLAGE UND INNENRAUMEINHEIT

Title (fr)
SYSTÈME DE CLIMATISATION DE TYPE MULTIPLE ET UNITÉ INTÉRIEURE

Publication
EP 3677856 A4 20210519 (EN)

Application
EP 18849549 A 20180823

Priority
• JP 2017164559 A 20170829
• JP 2018031203 W 20180823

Abstract (en)
[origin: EP3677856A1] A multi-type air-conditioning system includes an outdoor unit including an outdoor heat exchanger, a plurality of indoor units each including an expansion valve into which the refrigerant passing through the outdoor heat exchanger flows and an indoor heat exchanger configured to cause heat exchange to be carried out between the refrigerant decompressed by the expansion valve and air, and refrigerant piping which connects the plurality of indoor units in parallel to the outdoor unit, and through which the refrigerant flows. Part of the refrigerant piping positioned inside each of the indoor units includes a plurality of capillaries at a position on the upstream side of the expansion valve in the flow direction of the refrigerant, and the capillaries are connected in parallel to the refrigerant piping.

IPC 8 full level
F25B 41/00 (2021.01); **F24F 1/00** (2019.01); **F24F 13/32** (2006.01); **F25B 13/00** (2006.01); **F25B 41/42** (2021.01)

CPC (source: EP US)
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Citation (search report)
• [X1] KR 20060087227 A 20060802 - LG ELECTRONICS INC [KR]
• [XD1] JP H09318198 A 19971212 - HITACHI LTD
• [X1] KR 20060087228 A 20060802 - LG ELECTRONICS INC [KR]
• See references of WO 2019044661A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
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EP 18849549 A 20180823; CN 201880056328 A 20180823; JP 2018031203 W 20180823; JP 2019539432 A 20180823