

Title (en)
AIR CONDITIONER SYSTEM AND AIR CONDITIONER HAVING SAME

Title (de)
KLIMAANLAGENSYSTEM UND KLIMAANLAGE DAMIT

Title (fr)
SYSTÈME DE CLIMATISATION ET CLIMATISEUR DOTÉ DUDIT SYSTÈME

Publication
EP 3640549 A1 20200422 (EN)

Application
EP 18892332 A 20180530

Priority
• CN 201711399605 A 20171219
• CN 2018089015 W 20180530

Abstract (en)
Disclosed is an air-conditioning system, including: a compressor (10); a first pipeline (20) in communication with the compressor (10); a second pipeline (30) also in communication with the compressor (10), the first pipeline (20) and the second pipeline (30) being independently disposed; an evaporative condenser (40) disposed in the first pipeline (20) and the second pipeline (30), refrigerant in the first pipeline (20) and refrigerant in the second pipeline (30) being separately capable of performing heat exchange with the evaporative condenser (40); a first liquid separator (51) disposed in the first pipeline (20), the first liquid separator (51) having an outlet in communication with the compressor (10); and a second liquid separator (52) disposed in the second pipeline (30), the second liquid separator (52) having an outlet in communication with the compressor (10), and the first liquid separator (51) and the second liquid separator (52) being disposed adjacent to each other. Also disclosed is an air conditioner having the air-conditioning system.

IPC 8 full level
F24F 1/00 (2019.01); **F25B 1/10** (2006.01); **F25B 41/30** (2021.01)

CPC (source: CN EP US)
F24F 1/0059 (2013.01 - CN EP); **F25B 1/10** (2013.01 - CN); **F25B 7/00** (2013.01 - EP); **F25B 13/00** (2013.01 - US); **F25B 41/20** (2021.01 - US); **F25B 41/30** (2021.01 - CN); **F04C 18/356** (2013.01 - EP)

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

DOCDB simple family (publication)
EP 3640549 A1 20200422; **EP 3640549 A4 20200805**; CN 108119955 A 20180605; CN 108119955 B 20191025; US 2021041151 A1 20210211; WO 2019119733 A1 20190627

DOCDB simple family (application)
EP 18892332 A 20180530; CN 201711399605 A 20171219; CN 2018089015 W 20180530; US 201816633572 A 20180530