

(12) International Application Status Report

Received at International Bureau: 07 June 2018 (07.06.2018)

Information valid as of: 07 March 2019 (07.03.2019)

Report generated on: 23 September 2019 (23.09.2019)

(10) Publication number:

WO2019/066189

(43) Publication date:

04 April 2019 (04.04.2019)

(26) Publication language:

Korean (KO)

(21) Application Number:

PCT/KR2018/006087

(22) Filing Date:

29 May 2018 (29.05.2018)

(25) Filing language:

Korean (KO)

(31) Priority number(s):

10-2017-0126234 (KR)

(31) Priority date(s):

28 September 2017 (28.09.2017)

(31) Priority status:

Priority document received (in compliance with PCT Rule 17.1)

(51) International Patent Classification:

F24F 1/00 (2011.01); **F24F 13/14** (2006.01); **F24F 11/79** (2018.01)

(71) Applicant(s):

SAMSUNG ELECTRONICS CO., LTD. [KR/KR]; 129, Samsung-ro, Yeongtong-gu, Suwon-si Gyeonggi-do 16677 (KR) (*for all designated states*)

(72) Inventor(s):

NA, Seon Uk; 23, Yehyeon-ro 35beon-gil Giheung-gu Yongin-si Gyeonggi-do 17103 (KR)

KIM, Kwon Jin; 76, Central town-ro Yeongtong-gu Suwon-si Gyeonggi-do 16505 (KR)

YUN, Yeon-seob; 64, Dongtan-daero 12-gil Hwaseong-si Gyeonggi-do 18486 (KR)

LEE, Kyeong Ae; 25, Yeongtong-ro 290beon-gil Yeongtong-gu Suwon-si Gyeonggi-do 16697 (KR)

CHO, Sung-June; 232, Yeongtong-ro Yeongtong-gu Suwon-si Gyeonggi-do 16698 (KR)

(74) Agent(s):

SELIM INTELLECTUAL PROPERTY LAW FIRM; 10F and 11F, Taewoo Bldg. 285, Gangnam-daero Seocho-gu Seoul 06729 (KR)

(54) Title (EN): AIR CONDITIONER

(54) Title (FR): CLIMATISEUR

(54) Title (KO): 공기조화기

(57) Abstract:

(EN): Disclosed is an air conditioner. The disclosed air conditioner comprises: a discharge panel arranged on one part of a housing having a first discharge port, and having a plurality of discharge holes so that the air discharged from the first discharge port is discharged at a slower rate than the air discharged from a second discharge port; and a channel control unit provided so as to operate in a first mode in which a portion of the inflow of air from the inlet port is guided to the second discharge port before the air passes through a heat exchanger, a second mode in which a portion of the inflow of air from the inlet port is guided to the second discharge port after the air has passed through the heat exchanger, and a third mode in which the second discharge port is closed.

(FR): La présente invention concerne un climatiseur. L'invention concerne un climatiseur comprenant : un panneau d'évacuation agencé sur une première partie d'un boîtier comportant un premier orifice d'évacuation, et comportant une pluralité de trous d'évacuation de telle sorte que l'air évacué par le premier orifice d'évacuation est évacué à une vitesse inférieure à celle de l'air évacué par un second orifice d'évacuation; et une unité de commande de canal disposée de manière à fonctionner dans un premier mode dans lequel une partie de l'écoulement entrant d'air provenant de l'orifice d'entrée est guidée vers le second orifice d'évacuation avant que l'air ne passe à travers un échangeur de chaleur, un deuxième mode dans lequel une partie de de l'écoulement entrant d'air provenant de l'orifice d'entrée est guidée vers le second orifice d'évacuation après que l'air a traversé l'échangeur de chaleur, et un troisième mode dans lequel le second orifice d'évacuation est fermé.

(KO): 공기조화기가 개시된다. 개시된 공기조화기는 제1 배출구가 형성된 하우징의 일 부분에 배치되며, 상기 제1 배출구에서 배출되는 공기가 제2 배출구에서 배출되는 공기보다 느리게 배출되도록 하는 복수의 배출홀을 갖는 배출 패널;

및 흡입구로부터 유입된 공기가 열 교환기를 통과하기 전에 공기의 일부를 상기 제2 배출구로 안내하는 제1 모드, 상기 흡입구로부터 유입된 공기가 상기 열 교환기를 통과한 이후에 공기의 일부를 상기 제2 배출구로 안내하는 제2 모드, 및 상기 제2 배출구를 폐쇄하는 제3 모드로 구동 가능하게 마련되는 유로 제어 유닛;을 포함한다.

International search report:

Received at International Bureau: 05 October 2018 (05.10.2018) [KR]

International Report on Patentability (IPRP) Chapter II of the PCT:

Not available

(81) Designated States:

AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IR, IS, JO, JP, KE, KG, KH, KN, KP, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW

European Patent Office (EPO) : AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR

African Intellectual Property Organization (OAPI) : BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG

African Regional Intellectual Property Organization (ARIPO) : BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW

Eurasian Patent Organization (EAPO) : AM, AZ, BY, KG, KZ, RU, TJ, TM