

Title (en)
AIR CONDITIONER AND METHOD FOR CONTROLLING THE SAME

Title (de)
KLIMAANLAGE UND STEUERUNGSVERFAHREN DAFÜR

Title (fr)
CLIMATISEUR ET SON PROCÉDÉ DE RÉGULATION

Publication
EP 2368074 A4 20121017 (EN)

Application
EP 09835196 A 20091207

Priority
• KR 2009007280 W 20091207
• KR 20080132435 A 20081223

Abstract (en)
[origin: WO2010074430A2] Provided are an air conditioner and a method for controlling the air conditioner. The air conditioner includes an input unit receiving an input air-conditioning temperature for an indoor space, an air-conditioning unit generating a cool or hot wind having the input air-conditioning temperature, and a location detecting unit for detecting a user's location in the indoor space. A direction and temperature of the cool or hot wind generated by the air-conditioning unit are adjusted in accordance with whether a user is detected in the indoor space by the location detecting unit.

IPC 8 full level
F24F 1/00 (2011.01); **F24F 11/00** (2006.01); **F24F 11/02** (2006.01); **F24F 11/30** (2018.01)

CPC (source: EP KR US)
F24F 1/0007 (2013.01 - EP KR US); **F24F 1/005** (2019.01 - EP US); **F24F 11/30** (2017.12 - EP KR); **F24F 11/61** (2017.12 - EP KR US); **F24F 11/65** (2017.12 - KR); **F24F 11/79** (2017.12 - EP KR US); **F24F 11/80** (2017.12 - KR); **F24F 11/30** (2017.12 - US); **F24F 2110/10** (2017.12 - EP US); **F24F 2120/00** (2017.12 - EP KR US); **F24F 2120/12** (2017.12 - EP KR US)

Citation (search report)
• [X] EP 1985936 A1 20081029 - SAMSUNG ELECTRONICS CO LTD [KR]
• [X] US 5180333 A 19930119 - SHYU JIA-MING [TW]
• [I] US 6715689 B1 20040406 - LEE TZONG-SHENG [TW], et al
• [I] US 5637040 A 19970610 - KIM TAE-HO [KR], et al
• [X] GB 2260830 A 19930428 - NORM PACIFIC AUTOMAT CORP [TW]
• See references of WO 2010074430A2

Designated contracting state (EPC)
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 SE SI SK SM TR

DOCDB simple family (publication)
WO 2010074430 A2 20100701; WO 2010074430 A3 20100910; CN 102239367 A 20111109; CN 102239367 B 20140528; EP 2368074 A2 20110928; EP 2368074 A4 20121017; EP 2368074 B1 20160518; ES 2573466 T3 20160608; KR 101584801 B1 20160112; KR 20100073696 A 20100701; US 2011277982 A1 20111117

DOCDB simple family (application)
KR 2009007280 W 20091207; CN 200980148773 A 20091207; EP 09835196 A 20091207; ES 09835196 T 20091207; KR 20080132435 A 20081223; US 200913141371 A 20091207