

Title (en)

Air conditioner and method for controlling air conditioner

Title (de)

Klimaanlage und Verfahren zur Steuerung einer Klimaanlage

Title (fr)

Climatiseur d'air et son procédé de commande

Publication

EP 2354724 A2 20110810 (EN)

Application

EP 11153578 A 20110207

Priority

KR 20100011515 A 20100208

Abstract (en)

Provided are an air conditioner, which detects refrigerant leak in real time, and a method for controlling the air conditioner. The method for controlling an air conditioner includes: tracking a cycle change from operating variables of the air conditioner; detecting refrigerant leak from the cycle change; and representing result of the detecting refrigerant leak.

IPC 8 full level

F25B 13/00 (2006.01); **F25B 40/00** (2006.01); **F25B 49/00** (2006.01)

CPC (source: EP KR)

F24F 11/36 (2018.01 - KR); **F24F 11/52** (2018.01 - KR); **F25B 49/005** (2013.01 - EP KR); **F25B 2500/222** (2013.01 - EP KR); **F25B 2700/1931** (2013.01 - KR); **F25B 2700/21152** (2013.01 - KR)

Cited by

EP3415840A3; CN105546771A; JP2019035579A; JP2020169807A; US11732939B2; WO2017098670A1; US11079300B2; US11971183B2; JP2018091502A

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2354724 A2 20110810; **EP 2354724 A3 20141126**; **EP 2354724 B1 20240403**; CN 102147142 A 20110810; CN 102147142 B 20140507; KR 101155345 B1 20120611; KR 20110092072 A 20110817

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