

Title (en)
Air conditioner inspection method

Title (de)
Inspektionsverfahren einer Klimaanlage

Title (fr)
Procédé d'inspection d'une installation d'appareils de conditionnement d'air

Publication
EP 1746364 A2 20070124 (EN)

Application
EP 05026903 A 20051208

Priority
KR 20050066882 A 20050722

Abstract (en)
Disclosed herein is air conditioner inspection method that is capable of reducing inspection time and increasing inspection efficiency. The air conditioner inspection method is applied to an air conditioner including a plurality of indoor units (140a-140d) having cooling and heating valves and a plurality of mode change units (160) connected to the indoor units, via pipes, to control refrigerant flow to the indoor units such that cooling operation mode and heating operation mode of the respective indoor units are controlled. The air conditioner inspection method comprises operating all the indoor units in one of the cooling operation mode and heating operation mode for a predetermined period of time and, if all the indoor units are normally operated in the selected operation mode, determining that all the valves corresponding to the selected operation mode among the cooling and heating valves of the indoor units are normally operated.

IPC 8 full level
F25B 49/00 (2006.01); **F25B 13/00** (2006.01); **G01M 99/00** (2011.01)

CPC (source: EP KR)
F24F 3/065 (2013.01 - EP KR); **F24F 11/30** (2017.12 - KR); **F24F 11/32** (2017.12 - KR); **F24F 11/52** (2017.12 - KR);
F25B 13/00 (2013.01 - EP KR); **F25B 49/005** (2013.01 - EP KR); **F24F 11/32** (2017.12 - EP); **F24F 2221/54** (2013.01 - EP KR);
F25B 2313/0233 (2013.01 - EP KR); **F25B 2313/02741** (2013.01 - EP KR)

Citation (applicant)
KR 20050066882 A 20050630 - DONGBUANAM SEMICONDUCTOR INC [KR]

Cited by
EP3551946A4; CN105334046A; JP2017122543A; FR3039636A1; EP3839367A4; EP2634513A1; JP2013181697A; US11231216B2;
US11994309B2; US9476623B2

Designated contracting state (EPC)
ES GB

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
EP 1746364 A2 20070124; **EP 1746364 A3 20100915**; CN 1900678 A 20070124; CN 1900678 B 20100818; KR 101195557 B1 20121030;
KR 20070012064 A 20070125

DOCDB simple family (application)
EP 05026903 A 20051208; CN 200510132904 A 20051220; KR 20050066882 A 20050722