

Title (en)

Method of determining the configuration of an air conditioning system

Title (de)

Verfahren zur Konfigurationsbestimmung eines Klimaanlage-Systems

Title (fr)

Méthode pour la détermination de configuration d'un système de conditionnement d'air

Publication

**EP 1643193 A2 20060405 (EN)**

Application

**EP 05103945 A 20050511**

Priority

KR 20040078565 A 20041002

Abstract (en)

Disclosed herein is a pipe connection searching method of a multi air conditioner system comprising an outdoor unit, a plurality of indoor units connected to the outdoor unit, a plurality of refrigerant pipes connected between the outdoor unit and the respective indoor units, and a plurality of refrigerant control valves mounted on the respective refrigerant pipes. The pipe connection searching method comprises measuring outdoor temperature, and selecting operation mode of the multi air conditioner system based on the outdoor temperature and performing a pipe connection searching operation.

IPC 8 full level

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CPC (source: EP KR US)

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Citation (applicant)

- JP H07305879 A 19951121 - DAIKIN IND LTD
- EP 0678718 A2 19951025 - SANYO ELECTRIC CO [JP]
- JP 2001289480 A 20011019 - SHARP KK

Cited by

CN105650770A; EP2137466A4; US2011113802A1; US9212825B2; EP3399250A4; US11614252B2; WO2020235811A1

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