

Title (en)

Pipe-connection searching apparatus for multi-air conditioner

Title (de)

Rohrverbindungs-Suchvorrichtung für Mehrfachklimaanlage

Title (fr)

Appareil de recherche de connexion de tuyau pour climatiseur d'air multiple

Publication

EP 2028426 A1 20090225 (EN)

Application

EP 08162685 A 20080820

Priority

KR 20070083615 A 20070820

Abstract (en)

A pipe-connection searching apparatus and method for a multiple air conditioner. The apparatus and method involving the identification of one of a plurality of indoor units, based on temperature criteria, and matching the one indoor unit to a corresponding one of a plurality of pipes that connect an outdoor unit to the plurality of indoor units, respectively.

IPC 8 full level

F24F 11/00 (2006.01); **F24F 11/76** (2018.01)

CPC (source: EP KR US)

F24F 1/26 (2013.01 - EP KR US); **F24F 3/065** (2013.01 - EP KR US); **F24F 11/52** (2017.12 - EP KR US); **F24F 11/63** (2017.12 - EP KR US); **F24F 11/83** (2017.12 - KR); **F24F 11/84** (2017.12 - EP KR US); **F24F 11/30** (2017.12 - EP US); **F24F 11/83** (2017.12 - EP US); **F24F 2110/10** (2017.12 - EP KR US); **F24F 2221/32** (2013.01 - KR); **F25B 2313/023** (2013.01 - KR)

Citation (search report)

- [XY] EP 0426450 A2 19910508 - TOSHIBA KK [JP]
- [Y] JP H09112998 A 19970502 - MITSUBISHI HEAVY IND LTD
- [A] US 5974813 A 19991102 - JEONG SANG-JIN [KR]

Cited by

US2012216553A1; US9416999B2; WO2010145657A1

Designated contracting state (EPC)

ES FR GB IT

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

EP 2028426 A1 20090225; **EP 2028426 B1 20180523**; CN 101373094 A 20090225; KR 101403829 B1 20140603; KR 20090019302 A 20090225; US 2009049850 A1 20090226

DOCDB simple family (application)

EP 08162685 A 20080820; CN 200810211057 A 20080820; KR 20070083615 A 20070820; US 22291108 A 20080819