

Title (en)

MULTI-UNIT AIR CONDITIONING SYSTEM AND CONTROLLING METHOD FOR THE SAME

Title (de)

MEHRTEILIGES KLIMAANLAGENSYSYSTEM UND STEUERVERFAHREN DAFÜR

Title (fr)

SYSTÈME DE CONDITIONNEMENT D'AIR À PLUSIEURS UNITÉS ET PROCÉDÉ DE RÉGULATION CORRESPONDANT

Publication

**EP 2137467 A4 20111026 (EN)**

Application

**EP 08723412 A 20080311**

Priority

- KR 2008001375 W 20080311
- KR 20070026291 A 20070316

Abstract (en)

[origin: WO2008114952A1] Provided are a multi-unit air conditioning system and a controlling method thereof for reducing differences in discharged temperatures from a plurality of compressors operating in heating-only operation. The controlling method is able to reduce unbalance between discharged temperatures and concentration of refrigerant between outdoor units.

IPC 8 full level

**F24F 11/02** (2006.01); **F25B 13/00** (2006.01); **F25B 49/02** (2006.01)

CPC (source: EP KR)

**F25B 13/00** (2013.01 - EP KR); **F25B 49/022** (2013.01 - EP KR); **F25B 2313/007** (2013.01 - EP KR); **F25B 2313/0231** (2013.01 - EP KR); **F25B 2313/0253** (2013.01 - EP KR); **F25B 2313/02743** (2013.01 - EP KR); **F25B 2400/06** (2013.01 - KR); **F25B 2400/075** (2013.01 - EP KR); **F25B 2600/021** (2013.01 - EP KR); **F25B 2600/0261** (2013.01 - EP KR); **F25B 2600/2521** (2013.01 - EP); **F25B 2700/21152** (2013.01 - EP KR); **Y02B 30/70** (2013.01 - EP)

Citation (search report)

- [X] JP H10281566 A 19981023 - MITSUBISHI HEAVY IND LTD
- [IA] EP 1666806 A2 20060607 - LG ELECTRONICS INC [KR]
- [A] JP 2006170529 A 20060629 - MATSUSHITA ELECTRIC IND CO LTD
- [A] EP 1589304 A2 20051026 - LG ELECTRONICS INC [KR]
- [A] JP 2006029761 A 20060202 - TOSHIBA CORP, et al
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Citation (examination)

EP 1526341 A1 20050427 - SAMSUNG ELECTRONICS CO LTD [KR]

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 MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

**WO 2008114952 A1 20080925**; EP 2137467 A1 20091230; EP 2137467 A4 20111026; KR 100885566 B1 20090224; KR 20080084482 A 20080919

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