

Title (en)

AIR SUPPLY METHOD FOR AIR CONDITIONERS

Title (de)

LUFTZUFUHRVERFAHREN FÜR KLIMAAANLAGEN

Title (fr)

PROCÉDÉ D'ALIMENTATION EN AIR DESTINÉ À DES CLIMATISEURS

Publication

**EP 3193091 A4 20180404 (EN)**

Application

**EP 16829714 A 20160622**

Priority

- CN 201510457121 A 20150730
- CN 2016086683 W 20160622

Abstract (en)

[origin: EP3193091A1] Disclosed is an air supply method for an air conditioner, wherein the air conditioner selectively supplies first handled air from the middle upper portion and/or second handled air from the middle lower portion. By means of selectively supplying the first handled air from the middle upper portion and/or the second handled air from the middle lower portion, the two parts of the handled air can be controlled separately, not only improving the selectivity of the air supply and reducing the power consumption of the air conditioner, but also avoiding the decline in service life of the various components of the air conditioner due to unnecessary use.

IPC 8 full level

**F24F 3/16** (2006.01); **F24F 3/12** (2006.01); **F24F 13/00** (2006.01)

CPC (source: CN EP KR)

**F24F 1/0011** (2013.01 - KR); **F24F 1/005** (2019.01 - KR); **F24F 3/12** (2013.01 - CN EP); **F24F 3/14** (2013.01 - CN); **F24F 3/16** (2013.01 - CN KR); **F24F 6/00** (2013.01 - KR); **F24F 13/00** (2013.01 - CN EP); **F24F 13/08** (2013.01 - KR); **F24F 13/10** (2013.01 - KR); **F24F 13/20** (2013.01 - KR); **F24F 13/32** (2013.01 - KR); **F24F 2013/205** (2013.01 - KR); **F24F 2221/36** (2013.01 - KR)

Citation (search report)

- [XA] CN 2630708 Y 20040804 - LG ELECTRIC & ELECTRONIC CO LT [CN]
- [IA] EP 1790914 A2 20070530 - LG ELECTRONICS INC [KR]
- [IA] US 2006086138 A1 20060427 - PARK JUN H [KR], et al
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- [A] JP 2014020707 A 20140203 - PANASONIC CORP
- See references of WO 2017016347A1

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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 3193091 A1 20170719; EP 3193091 A4 20180404; EP 3193091 B1 20200429**; CN 105091139 A 20151125; CN 105091139 B 20190531; KR 102055435 B1 20191212; KR 20170065519 A 20170613; WO 2017016347 A1 20170202

DOCDB simple family (application)

**EP 16829714 A 20160622**; CN 201510457121 A 20150730; CN 2016086683 W 20160622; KR 20177008724 A 20160622