

Title (en)

AIR CONDITIONER WITH FILTER CLEANING UNIT

Title (de)

KLIMAANLAGE MIT FILTERREINIGUNGSEINHEIT

Title (fr)

CLIMATISEUR AVEC UNITÉ DE NETTOYAGE DE FILTRE

Publication

EP 2085712 A4 20140716 (EN)

Application

EP 07829557 A 20071011

Priority

- JP 2007069819 W 20071011
- JP 2006284771 A 20061019

Abstract (en)

[origin: EP2085712A1] The air conditioner with a filter cleaning unit of the invention includes: a body casing 3; a heat exchanger 4 provided in mid-course of an air passage in the body casing 3; a filter 5 placed in correspondence to a primary side of air intake surfaces of the heat exchanger 4; a filter driving section 72 to which the filter 5 is fitted and which moves the filter 5 along the air intake surfaces of the heat exchanger 4; a filter detecting section LS provided at a specified position on a terminal-end side of filter movement paths 12a, 12b; a filter cleaning unit 6 for performing cleaning of a filter surface of the filter 5 in mid-course of the filter movement paths; and a fan 70 provided on a position of a secondary side of the heat exchanger 4. The filter detecting section LS is provided at a position which is corrected in correspondence to a deviation amount of a fitting position of the filter 5 that can occur due to a way of fitting of the filter 5 to the filter driving section 72, the position correction being done to an extent of the deviation amount in a direction from a terminal end P 0 of the filter movement paths toward inside of the filter movement paths.

IPC 8 full level

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CPC (source: EP KR)

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Citation (search report)

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- [X] JP 2005195240 A 20050721 - FUJITSU GENERAL LTD
- [X] JP S63130116 A 19880602 - MITSUBISHI ELECTRIC CORP
- [E] EP 2072928 A1 20090624 - DAIKIN IND LTD [JP]
- See references of WO 2008047662A1

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JP2012149827A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

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