

Title (en)  
AIR CONDITIONER

Title (de)  
KLIMAANLAGE

Title (fr)  
CLIMATISEUR

Publication  
**EP 2957773 B1 20171025 (EN)**

Application  
**EP 13875217 A 20131210**

Priority  
• JP 2013024108 A 20130212  
• JP 2013083027 W 20131210

Abstract (en)  
[origin: EP2957773A1] Wind noise is reduced. An air conditioner includes: a cross flow fan 10 in which vane wheels 12 each including vanes 15 lined up in a circumferential direction are lined up in an axial direction; and a stabilizer 32 and a rear guider 20 which are provided on respective sides of an outer periphery of the cross flow fan 10 to form an air passage. A leading end portion of the rear guider 20 has a multi-stage shape so as to include level-difference portions 25, 26 which are deviated in the circumferential direction of the cross flow fan 10, and the level-difference portions 25, 26 include at least one first level-difference portion 26 which opposes an intermediate portion in the axial direction of at least one of the vane wheels 12. A leading end portion of the stabilizer 32 has a multi-stage shape so as to include level-difference portions 39, 40 which are deviated in the circumferential direction of the cross flow fan 10, and the level-difference portions 39, 40 include at least one first level-difference portion 40 which opposes an intermediate portion in the axial direction of at least one of the vane wheels 12.

IPC 8 full level  
**F04D 17/04** (2006.01); **F04D 29/28** (2006.01); **F04D 29/42** (2006.01); **F04D 29/44** (2006.01); **F04D 29/66** (2006.01); **F04D 29/68** (2006.01); **F24F 1/00** (2011.01); **F24F 13/24** (2006.01)

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Cited by  
EP3825615A1; US11578877B2

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

DOCDB simple family (publication)  
**EP 2957773 A1 20151223**; **EP 2957773 A4 20160803**; **EP 2957773 B1 20171025**; CN 104981612 A 20151014; CN 104981612 B 20170222; ES 2649146 T3 20180110; JP 2014152724 A 20140825; JP 5716766 B2 20150513; WO 2014125711 A1 20140821

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