

Title (en)
AIR-CONDITIONING INDOOR UNIT

Title (de)
INNENRAUMEINHEIT EINER KLIMAANLAGE

Title (fr)
UNITÉ INTÉRIEURE DE CLIMATISATION

Publication
EP 2918930 A4 20161026 (EN)

Application
EP 13837777 A 20130829

Priority
• JP 2012201807 A 20120913
• JP 2013073149 W 20130829

Abstract (en)
[origin: EP2918930A1] To provide an air conditioner indoor unit that through providing a variety of flows of wind is capable of realizing conditioned air closer to natural wind. In an air conditioner indoor unit (10), a control portion (40), during fluctuating airflow control, controls the operation of a Coanda blade implementing modes including a Coanda generating condition that generates Coanda airflow, and a Coanda airflow not generated condition that does not generate Coanda airflow, thus during fluctuating airflow control, the flow of wind is varied by suddenly generating Coanda airflow, enabling conditioned air closer to natural wind to be provided to the occupant.

IPC 8 full level
F24F 11/02 (2006.01); **F24F 13/08** (2006.01)

CPC (source: CN EP)
F24F 1/0011 (2013.01 - CN EP); **F24F 1/0057** (2019.01 - EP); **F24F 11/79** (2017.12 - CN EP); **F24F 13/1413** (2013.01 - CN EP); **F24F 2221/28** (2013.01 - CN EP)

Citation (search report)
• [XYI] JP 2007051866 A 20070301 - SHARP KK
• [Y] EP 2484986 A1 20120808 - DAIKIN IND LTD [JP]
• [A] EP 1553361 A1 20050713 - SHARP KK [JP]
• [A] EP 1707892 A1 20061004 - SHARP KK [JP]
• See references of WO 2014042012A1

Cited by
EP4394262A1; AU2018276888B2; EP4001779A1; WO2018222148A1; EP4015930A4; AU2020350294B2; US11493231B2; US11815099B2

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 2918930 A1 20150916; EP 2918930 A4 20161026; EP 2918930 B1 20200624; CN 104620058 A 20150513; CN 104620058 B 20160615; ES 2807904 T3 20210224; JP 2014055746 A 20140327; JP 5408318 B1 20140205; WO 2014042012 A1 20140320

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EP 13837777 A 20130829; CN 201380047536 A 20130829; ES 13837777 T 20130829; JP 2012201807 A 20120913; JP 2013073149 W 20130829