

Title (en)

Wind direction controller and air conditioner with the same

Title (de)

Windrichtungsregler und Klimaanlage damit

Title (fr)

Commande de direction de vent et climatiseur équipé de celui-ci

Publication

EP 2821717 B1 20171108 (EN)

Application

EP 14175528 A 20140703

Priority

KR 20130077967 A 20130703

Abstract (en)

[origin: EP2821717A1] Disclosed is a wind direction controller mounted to a body having an air inlet and an air outlet, including a wind direction control member for guiding air being discharged through the air outlet, and a driving mechanism for driving the wind direction control member in a first wind direction mode in which one end of the wind direction control member faces an inside of the body, and the other end of the wind direction control member faces an inside of a room, or in a second wind direction mode in which the one end having faced the inside of the body in the first wind direction mode faces the inside of the room, and the other end having faced the inside of the room in the first wind direction mode faces the inside of the body, thereby permitting to form a variety of air flows with a simple structure and simple control, selectively.

IPC 8 full level

F24F 1/00 (2011.01); **F24F 13/065** (2006.01)

CPC (source: CN EP KR)

F24F 1/0011 (2013.01 - EP); **F24F 1/0014** (2013.01 - KR); **F24F 11/79** (2017.12 - KR); **F24F 13/065** (2013.01 - EP); **F24F 13/1413** (2013.01 - CN KR); **F24F 13/1426** (2013.01 - KR); **F24F 2013/1433** (2013.01 - CN KR)

Cited by

CN105066253A; CN108361944A; CN110068053A; EP3779312A4; US2021140676A1; US11892191B2; US11614241B2

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 2821717 A1 20150107; **EP 2821717 B1 20171108**; CN 104279732 A 20150114; CN 104279732 B 20170517; KR 102127843 B1 20200629; KR 20150004991 A 20150114

DOCDB simple family (application)

EP 14175528 A 20140703; CN 201410183277 A 20140430; KR 20130077967 A 20130703