

Title (en)
AIR CONDITIONER

Title (de)
KLIMAANLAGE

Title (fr)
CLIMATISEUR

Publication
EP 3575701 A4 20201028 (EN)

Application
EP 17894284 A 20171107

Priority
• CN 201710056299 A 20170125
• CN 201710301847 A 20170502
• CN 2017109764 W 20171107

Abstract (en)
[origin: EP3575701A1] Provided is an air conditioner, in which a toggle blade (341) is movably mounted on a component adjacent to an impeller (320), including a pushing portion (3412) and a driving portion (3413), the pushing portion (3412) is adapted to contact with the impeller (320) and to drive the impeller (320) to move axially. The driving portion (3413) is fixedly connected to the pushing portion (3412). This structure serves to facilitate the disassembly work of the impeller (320) and the motor (141).

IPC 8 full level
F04D 17/04 (2006.01); **F04D 29/62** (2006.01); **F04D 29/70** (2006.01); **F24F 1/0018** (2019.01); **F24F 13/20** (2006.01)

CPC (source: CN EP)
F04D 17/04 (2013.01 - EP); **F04D 29/281** (2013.01 - CN); **F04D 29/626** (2013.01 - CN EP); **F04D 29/703** (2013.01 - EP); **F24F 1/0018** (2013.01 - CN EP); **F24F 13/00** (2013.01 - CN); **F24F 13/20** (2013.01 - CN EP); **F05D 2260/33** (2013.01 - EP)

Citation (search report)
• [XA] JP H04126926 A 19920427 - MITSUBISHI ELECTRIC CORP
• [XA] WO 2016074607 A1 20160519 - YOU FEI [CN]
• [XA] JP H05322200 A 19931207 - MITSUBISHI ELECTRIC CORP
• [IA] JP 2015206482 A 20151119 - MITSUBISHI ELECTRIC CORP
• [IA] DE 102015218612 B3 20161201 - BERLING AERO IP UG (HAFTUNGSBESCHRÄNKT) [DE]
• See references of WO 2018137378A1

Designated contracting state (EPC)
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