

Title (en)
AIR CONDITIONER

Title (de)
KLIMAAANLAGE

Title (fr)
CLIMATISEUR

Publication
EP 3064852 B1 20230405 (EN)

Application
EP 15749577 A 20150209

Priority
• KR 20140015315 A 20140211
• KR 2015001282 W 20150209

Abstract (en)
[origin: EP3064852A1] Disclosed are provided an air conditioner having a door that can be smoothly moved by a friction member. The air conditioner includes a main body configured to form an outer appearance, an outlet provided in a lower portion of the main body, and configured to discharge air, a door disposed in a front portion of the main body, and configured to open or close the outlet, a driving device including a pinion configured to be rotatable, and a rack interlocked with the pinion and configured to be movable together with the door; and a friction member configured to press the rack when the rack moves so as to maintain a predetermined spacing between the rack and the pinion. The rack and the door can slide smoothly along a curved path through the friction member by a force of the motor.

IPC 8 full level
F24F 13/12 (2006.01); **F24F 1/00** (2006.01)

CPC (source: EP US)
F24F 1/0011 (2013.01 - EP US); **F24F 1/0057** (2019.01 - EP US); **F24F 13/12** (2013.01 - EP US); **F24F 13/20** (2013.01 - US); **F24F 2013/1446** (2013.01 - EP US)

Cited by
CN110986157A; EP3745043A4

Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 3064852 A1 20160907; **EP 3064852 A4 20170726**; **EP 3064852 B1 20230405**; CN 105980788 A 20160928; CN 105980788 B 20191213; KR 102217011 B1 20210219; KR 20150094255 A 20150819; US 2017176026 A1 20170622; WO 2015122660 A1 20150820

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