

Title (en)
A FILTER CLEANING DEVICE FOR AN AIR-CONDITIONER

Title (de)
FILTERREINIGUNGSVORRICHTUNG FÜR EINE KLIMAAANLAGE

Title (fr)
DISPOSITIF DE NETTOYAGE DE FILTRE POUR UN CLIMATISEUR

Publication
EP 3361169 B1 20190828 (EN)

Application
EP 17155704 A 20170210

Priority
EP 17155704 A 20170210

Abstract (en)
[origin: EP3361169A1] Provided is a filter cleaning device for an air-conditioner, comprising: a flat filter, a brush, a contact member, a driving unit (730) and a controller (750). The driving unit has a first motor (631) for moving the brush and a second motor (671) for moving the contact member. The controller is configured to control the driving unit such that the brush and the contact member move from one end side to the other end side of the filter with respect to a first moving direction extending along the filter surface, and also configured to control at least one of the first motor and the second motor such that a gap between the brush and the contact member is within a predetermined range in position with respect to the first moving direction.

IPC 8 full level
F24F 8/108 (2021.01); **F24F 8/90** (2021.01); **F24F 11/00** (2018.01); **F24F 13/28** (2006.01)

CPC (source: EP US)
F24F 8/10 (2021.01 - EP); **F24F 8/108** (2021.01 - EP US); **F24F 8/90** (2021.01 - EP US); **F24F 13/28** (2013.01 - EP); **F24F 11/39** (2017.12 - EP)

Cited by
IL273895B1; CN112888902A; CN113124542A; WO2021205431A1

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