

Title (en)
AIR PURIFIER COMPRISING FLOW PATH CONTROL MEMBER

Title (de)
LUFTREINIGER MIT STRÖMUNGSWEGREGLER

Title (fr)
PURIFICATEUR D'AIR COMPRENANT UN ÉLÉMENT DE COMMANDE DE TRAJET D'ÉCOULEMENT

Publication
EP 3904774 A4 20220907 (EN)

Application
EP 19904105 A 20191217

Priority
• KR 20180172234 A 20181228
• KR 2019017873 W 20191217

Abstract (en)
[origin: EP3904774A1] Provided is an air purifier including an intake flow path (171) through which air introduced from an inlet (170) flows, a flow path control member (150) on the intake flow path (171), and a housing (100), wherein the flow path control member (150) is installed on a flow path between the intake flow path (171) and a plurality of discharge ports (112, 122, 132).

IPC 8 full level
F24F 11/00 (2018.01); **F24F 6/00** (2006.01); **F24F 6/04** (2006.01); **F24F 8/108** (2021.01); **F24F 8/80** (2021.01); **F24F 11/70** (2018.01); **F24F 13/14** (2006.01); **F24F 13/20** (2006.01); **F24F 13/28** (2006.01)

CPC (source: EP KR US)
F24F 6/043 (2013.01 - EP KR); **F24F 8/108** (2021.01 - EP); **F24F 8/117** (2021.01 - KR); **F24F 8/80** (2021.01 - EP KR US); **F24F 11/0008** (2013.01 - KR); **F24F 11/70** (2017.12 - KR); **F24F 11/79** (2017.12 - EP); **F24F 13/14** (2013.01 - EP KR); **F24F 13/1413** (2013.01 - EP); **F24F 13/20** (2013.01 - EP KR); **F24F 13/28** (2013.01 - EP); **F24F 2006/008** (2013.01 - EP KR); **F24F 2013/205** (2013.01 - EP KR)

Citation (search report)
• [X] KR 20180065355 A 20180618 - COWAY CO LTD [KR]
• [X] CN 101500618 A 20090805 - SHARP KK [JP]
• [E] EP 3971487 A1 20220323 - COWAY CO LTD [KR]
• [A] US 2007256433 A1 20071108 - BHATTI MOHINDER S [US], et al
• See references of WO 2020138813A1

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 3904774 A1 20211103; **EP 3904774 A4 20220907**; JP 2022516106 A 20220224; JP 7209843 B2 20230120; KR 102300503 B1 20210909; KR 20200082058 A 20200708; WO 2020138813 A1 20200702

DOCDB simple family (application)
EP 19904105 A 20191217; JP 2021537895 A 20191217; KR 20180172234 A 20181228; KR 2019017873 W 20191217