

Title (en)

DEVICE FOR PURIFYING AIR, ARRANGEMENT OF SEVERAL DEVICES FOR PURIFYING AIR AND SOFTWARE-BASED APPLICATION

Title (de)

VORRICHTUNG ZUR REINIGUNG VON LUFT, ANORDNUNG VON MEHREREN VORRICHTUNGEN ZUR REINIGUNG VON LUFT UND SOFTWAREGESTÜTZTE APPLIKATION

Title (fr)

DISPOSITIF DE PURIFICATION D'AIR, AGENCEMENT DE PLUSIEURS DISPOSITIFS DE PURIFICATION D'AIR ET APPLICATION LOGICIELLE

Publication

EP 3737489 A2 20201118 (DE)

Application

EP 19705927 A 20190109

Priority

- DE 102018100676 A 20180112
- DE 102018209199 A 20180608
- DE 102018211040 A 20180704
- DE 102018211049 A 20180704
- DE 102018211039 A 20180704
- EP 2019000003 W 20190109

Abstract (en)

[origin: WO2019137822A2] The invention relates to a device for purifying air, in particular in an outdoor area, comprising at least one housing (2) having at least one air inlet (3), filter means (4, 5), at least one fan (6) and at least one air outlet (8, 108, 208), wherein said device can be used in a cost-effective and simple manner and enables the user to free air at any desired times and at any desired locations from pollutants. According to the invention, it is proposed that said device can be transported and designed to be positionable at different installation locations. The present invention further relates to an arrangement of several devices for purifying air and to a software-based application, in particular a smartphone application, for devices for purifying air.

IPC 8 full level

B01D 53/04 (2006.01); **B01D 53/30** (2006.01); **F24F 8/108** (2021.01); **F24F 8/158** (2021.01); **F24F 8/80** (2021.01)

CPC (source: EP KR US)

B01D 53/0407 (2013.01 - EP KR US); **B01D 53/30** (2013.01 - EP KR US); **F24F 8/10** (2021.01 - US); **F24F 8/108** (2021.01 - EP KR US); **F24F 8/158** (2021.01 - EP KR US); **F24F 8/80** (2021.01 - EP KR US); **F24F 8/99** (2021.01 - EP KR); **B01D 2253/102** (2013.01 - EP KR US); **B01D 2257/404** (2013.01 - EP KR); **B01D 2258/06** (2013.01 - EP KR US); **B01D 2259/4558** (2013.01 - EP KR US); **B01D 2279/40** (2013.01 - EP KR); **F24F 8/194** (2021.01 - US); **F24F 8/99** (2021.01 - US); **Y02B 10/30** (2013.01 - EP KR)

Citation (search report)

See references of WO 2019137822A2

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2019137822 A2 20190718; **WO 2019137822 A3 20191121**; CN 111867704 A 20201030; DE 102018211039 A1 20190718; DE 102018211040 A1 20190718; DE 102018211049 A1 20190718; EP 3737489 A2 20201118; JP 2021510803 A 20210430; KR 20200116469 A 20201012; US 2020348033 A1 20201105

DOCDB simple family (application)

EP 2019000003 W 20190109; CN 201980019073 A 20190109; DE 102018211039 A 20180704; DE 102018211040 A 20180704; DE 102018211049 A 20180704; EP 19705927 A 20190109; JP 2020558685 A 20190109; KR 20207023151 A 20190109; US 201916961374 A 20190109