

Title (en)

A POLLUTION MASK AND CONTROL METHOD

Title (de)

VERSCHMUTZUNGSMASKE UND STEUERUNGSVERFAHREN

Title (fr)

MASQUE DE POLLUTION ET PROCÉDÉ DE COMMANDE

Publication

**EP 3856360 B1 20220420 (EN)**

Application

**EP 19773071 A 20190920**

Priority

- CN 2018107994 W 20180927
- EP 19150469 A 20190107
- EP 2019075272 W 20190920

Abstract (en)

[origin: WO2020064520A1] A fan rotation speed or change in fan rotation speed is monitored of a mask, and from this a first value relating to magnitude of a pressure fluctuation across the fan and a second value relating to a rate of pressure fluctuation are obtained. It can then be determined whether or not the mask is worn based on the first and second values. This provides a reliable detection of whether or not the mask is worn and it requires a small amount of sampling data of the fan rotation signal, hence saving power.

IPC 8 full level

**A62B 18/00** (2006.01); **A62B 9/00** (2006.01)

CPC (source: CN EP)

**A62B 7/10** (2013.01 - CN); **A62B 9/00** (2013.01 - CN EP); **A62B 18/006** (2013.01 - EP)

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)

**WO 2020064520 A1 20200402**; CN 110947114 A 20200403; CN 110947114 B 20230630; CN 112770815 A 20210507; CN 112770815 B 20230613; CN 211751892 U 20201027; EP 3856360 A1 20210804; EP 3856360 B1 20220420; JP 2021529070 A 20211028; JP 6944089 B1 20211006

DOCDB simple family (application)

**EP 2019075272 W 20190920**; CN 201910919537 A 20190926; CN 201921619383 U 20190926; CN 201980063449 A 20190920; EP 19773071 A 20190920; JP 2021513877 A 20190920