

Title (en)

A POLLUTION MASK AND CONTROL METHOD

Title (de)

VERSCHMUTZUNGSMASKE UND STEUERUNGSVERFAHREN

Title (fr)

MASQUE DE POLLUTION ET PROCÉDÉ DE COMMANDE

Publication

EP 3677312 A1 20200708 (EN)

Application

EP 19150469 A 20190107

Priority

EP 19150469 A 20190107

Abstract (en)

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)

CPC (source: EP)

A62B 18/006 (2013.01)

Citation (applicant)

EP 17185742 A 20170810

Citation (search report)

- [AD] WO 2018215225 A1 20181129 - KONINKLIJKE PHILIPS NV [NL]
- [A] EP 0661071 A1 19950705 - RESCARE LTD [AU]

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)

EP 3677312 A1 20200708

DOCDB simple family (application)

EP 19150469 A 20190107