

Title (en)

Fan filter device of a fan filter system and fan filter system

Title (de)

Gebläsefiltergerät eines Gebläsefiltersystems sowie Gebläsefiltersystem

Title (fr)

Appareil de filtration de ventilateur d'un système de filtration de ventilateur et système de filtration de ventilateur

Publication

EP 2703046 A3 20170726 (DE)

Application

EP 13180828 A 20130819

Priority

DE 102012017176 A 20120830

Abstract (en)

[origin: EP2703046A2] The device (1) has a fan wheel arranged in a fan housing (3), and a motor for driving the fan wheel. A control unit actuates the motor and processes device-specific parameters of the device. A housing is provided with a mounting slot for a communication interface module. A contact point is arranged in the mounting slot for the data-communicating connection of the interface module to the control unit. The interface module has a physical interface for connecting a cable or consists of a wireless interface. A flexible connection hose (22) connects the device and a head piece (21) to one another. An independent claim is also included for a blower filter system.

IPC 8 full level

A62B 7/02 (2006.01); **A62B 7/10** (2006.01); **A62B 7/12** (2006.01); **A62B 9/00** (2006.01); **A62B 18/00** (2006.01); **A62B 18/04** (2006.01)

CPC (source: EP US)

A62B 7/02 (2013.01 - US); **A62B 7/10** (2013.01 - US); **A62B 7/12** (2013.01 - US); **A62B 9/00** (2013.01 - US); **A62B 18/006** (2013.01 - EP US); **A62B 18/04** (2013.01 - EP US)

Citation (search report)

- [X] WO 0202169 A1 20020110 - COMPUMEDICS SLEEP PTY LTD [AU]
- [XY] US 2010224190 A1 20100909 - TILLEY GREG A [US], et al
- [A] US 5590648 A 19970107 - MITCHELL ANDREW [US], et al
- [Y] US 2006201509 A1 20060914 - FORSYTH DAVID E [US], et al
- [A] GB 2478759 A 20110921 - 3M INNOVATIVE PROPERTIES CO [US]

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 2703046 A2 20140305; EP 2703046 A3 20170726; CN 103656898 A 20140326; CN 103656898 B 20160511; DE 102012017176 A1 20140306; DE 102012017176 B4 20200716; US 2014060542 A1 20140306

DOCDB simple family (application)

EP 13180828 A 20130819; CN 201310387157 A 20130830; DE 102012017176 A 20120830; US 201314013570 A 20130829