Title (en)

HANDHELD VACCUM CLEANER

Title (de)

HANDSTAUBSAUGER

Title (fr)

APPAREIL DE NETTOYAGE PORTATIF

Publication

EP 4011260 A1 20220615 (EN)

Application

EP 22153397 A 20170227

Priority

- EP 22153397 A 20170227
- EP 17897367 A 20170227
- CN 2017075038 W 20170227

Abstract (en)

A handheld vacuum cleaner includes a fluid flow path extending from a dirty air inlet to a clean air outlet, a main body, and a motor assembly positioned in the main body and along the fluid flow path. The motor defines a motor rotational axis. The handheld vacuum cleaner also includes a cyclonic chamber positioned in the fluid flow path. The cyclonic chamber defines a separator axis. The separator axis and the motor rotational axis form an obtuse angle extending between the cyclonic chamber and the motor assembly. The handheld vacuum cleaner further includes a pre-motor filter in the fluid flow path downstream from the cyclonic chamber and upstream from the motor assembly, a plenum in the fluid flow path immediately upstream from the motor assembly, and a sensor positioned on the plenum. The sensor is operable to measure a characteristic of the fluid flow path.

IPC 8 full level

A47L 5/24 (2006.01); **A47L 9/16** (2006.01); **A47L 9/32** (2006.01)

CPC (source: CN EP US)

A47L 5/24 (2013.01 - CN EP US); **A47L 5/26** (2013.01 - EP); **A47L 5/30** (2013.01 - EP US); **A47L 9/02** (2013.01 - CN); **A47L 9/16** (2013.01 - CN EP); **A47L 9/1608** (2013.01 - EP US); **A47L 9/22** (2013.01 - EP); **A47L 9/2821** (2013.01 - EP); **A47L 9/2884** (2013.01 - CN EP); **A47L 9/322** (2013.01 - CN EP US)

Citation (search report)

- [A] EP 2859601 A1 20150415 - DYSON TECHNOLOGY LTD [GB]
- [A] EP 2403390 A1 20120111 - DYSON TECHNOLOGY LTD [GB]

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)

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DOCDB simple family (application)

CN 2017075038 W 20170227; CN 201780087457 A 20170227; CN 202210673232 A 20170227; EP 17897367 A 20170227; EP 22153397 A 20170227; US 201716487500 A 20170227; US 202217854378 A 20220630