

Title (en)
Handheld cleaning device

Title (de)
Tragbare Reinigungsvorrichtung

Title (fr)
Dispositif de nettoyage portatif

Publication
EP 2992798 A1 20160309 (EN)

Application
EP 14183496 A 20140904

Priority
EP 14183496 A 20140904

Abstract (en)

A handheld cleaning device 10 comprising a housing 12 having a handle for gripping the device 20; a motor-fan assembly 32 for generating an air flow; a cleaning head 18 comprising a suction nozzle 16 in fluid communication with the motor-fan assembly 32 and a cleaning accessory 52 mounted on the cleaning head 18; and a fluid tank 14 in fluid communication with the suction nozzle 16 and the motor-fan assembly 32 for receiving fluid from the suction nozzle 16 in the air flow; wherein the cleaning head 18 is rotatably mounted on the housing 12 and the cleaning head 18 is rotatable about a longitudinal axis of the housing 12 between a first position in which the suction nozzle 16 is in an operable position and a second position in which the cleaning accessory 52 is in an operable position.

IPC 8 full level

A47L 1/05 (2006.01); **A47L 1/08** (2006.01); **A47L 5/24** (2006.01); **A47L 7/00** (2006.01); **A47L 9/04** (2006.01); **A47L 9/06** (2006.01);
A47L 11/40 (2006.01); **B65G 51/00** (2006.01)

CPC (source: EP US)

A47L 1/05 (2013.01 - EP US); **A47L 1/08** (2013.01 - EP US); **A47L 5/24** (2013.01 - EP US); **A47L 7/0009** (2013.01 - EP US);
A47L 7/0023 (2013.01 - EP US); **A47L 9/0488** (2013.01 - EP US); **A47L 9/0606** (2013.01 - US); **A47L 9/0626** (2013.01 - US);
A47L 9/068 (2013.01 - EP US); **A47L 11/4016** (2013.01 - EP US); **A47L 11/4036** (2013.01 - EP US); **A47L 11/4044** (2013.01 - EP US);
A47L 11/4083 (2013.01 - EP US); **A47L 11/4088** (2013.01 - EP US)

Citation (applicant)

- EP 2237711 A1 20101013 - KAERCHER GMBH & CO KG ALFRED [DE]
- US 5590439 A 19970107 - ALAZET JEAN [FR]

Citation (search report)

- [I] FR 2997003 A1 20140425 - ECODROP [FR]
- [A] WO 2008065313 A2 20080605 - WINDDROP SARL [FR], et al
- [AD] US 5590439 A 19970107 - ALAZET JEAN [FR]
- [AD] EP 2237711 A1 20101013 - KAERCHER GMBH & CO KG ALFRED [DE]
- [A] US 2011005025 A1 20110113 - CARRINGTON THOMAS [US], et al

Cited by

DE102017121209A1; GB2566070A; CN111093449A; EP4316326A1; WO2019053000A1; WO2017152953A1

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 2992798 A1 20160309; EP 2992798 B1 20190508; AU 2015221476 A1 20160324; CN 105395139 A 20160316; JP 2016055167 A 20160421;
US 2016066756 A1 20160310

DOCDB simple family (application)

EP 14183496 A 20140904; AU 2015221476 A 20150902; CN 201510561205 A 20150906; JP 2015173476 A 20150903;
US 201514793299 A 20150707