

Title (en)  
CONNECTING STRUCTURE AND HANDHELD DUST COLLECTOR

Title (de)  
VERBINDUNGSSTRUKTUR UND HANDHALTBARER STAUBSAMMLER

Title (fr)  
STRUCTURE DE LIAISON ET COLLECTEUR DE POUSSIÈRE PORTATIF

Publication  
**EP 3795045 A4 20210630 (EN)**

Application  
**EP 18918426 A 20181101**

Priority

- CN 201810468622 A 20180516
- CN 2018113392 W 20181101

Abstract (en)  
[origin: CN108478098A] The invention discloses a connection structure and a handheld dust collector. The connection structure is used for connecting an accessory onto an equipment body provided with a locking part, and the locking part is capable of rotating relative to the body and has a first state and a second state through rotation. In the first state, the locking part is capable of limiting relative movement of the accessory to the body; in the second state, the locking part does not limit relative movement of the accessory to the body. The connection structure and the handheld dust collector have advantages that by rotation of the locking part, the locking part is enabled to limit or free relative movement of the accessory to the body, so that mounting and demounting the accessory on the equipment body only requires relative movement of the accessory to the body, and convenience in mounting and demounting and structural simplicity are realized.

IPC 8 full level  
**A47L 5/24** (2006.01); **A47L 9/28** (2006.01); **A47L 9/32** (2006.01)

CPC (source: CN EP)  
**A47L 5/24** (2013.01 - CN EP); **A47L 9/28** (2013.01 - CN); **A47L 9/2868** (2013.01 - EP); **A47L 9/322** (2013.01 - EP)

Citation (search report)

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- [XAY] US 2015297050 A1 20151022 - MARSH JONATHAN GEORGE [GB], et al
- [XAY] JP 2589338 B2 19970312
- [Y] US 2013154563 A1 20130620 - CHURCHILL JOHN [GB]
- See also references of WO 2019218609A1

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 3795045 A1 20210324**; **EP 3795045 A4 20210630**; **EP 3795045 B1 20240717**; CN 108478098 A 20180904; CN 108478098 B 20240430; WO 2019218609 A1 20191121

DOCDB simple family (application)  
**EP 18918426 A 20181101**; CN 201810468622 A 20180516; CN 2018113392 W 20181101