

Title (en)
VACUUM STAND

Title (de)
VAKUUMSTÄNDER

Title (fr)
SUPPORT D'ASPIRATEUR

Publication
EP 3456234 A4 20200205 (EN)

Application
EP 17796304 A 20170425

Priority
• KR 20160056462 A 20160509
• KR 20160108643 A 20160825
• KR 2017004391 W 20170425

Abstract (en)
[origin: EP3456234A1] A cleaner holder includes: a first body having a first charging port configured to charge a cleaner; a second body protruding from the first body to support the cleaner; and a battery accommodating space recessed in one surface of the second body and configured to accommodate a battery detachably mounted to the cleaner, wherein a second charging port configured to charge the battery is provided in the second body.

IPC 8 full level
A47L 9/32 (2006.01); **A47L 5/24** (2006.01); **A47L 9/00** (2006.01); **A47L 9/28** (2006.01)

CPC (source: EP)
A47L 5/24 (2013.01); **A47L 9/0063** (2013.01); **A47L 9/28** (2013.01); **A47L 9/2873** (2013.01); **A47L 9/32** (2013.01)

Citation (search report)
• [A] JP 2014200379 A 20141027 - IRIS OHYAMA INC
• [A] CN 105395132 A 20160316 - SUZHOU AIJIAN ELECTRIC APPLIANCE CO LTD
• [A] US 5926909 A 19990727 - MCGEE DANIEL [US]
• See references of WO 2017196004A1

Cited by
GB2588437A; CN110974087A; EP4085805A4

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)
EP 3456234 A1 20190320; EP 3456234 A4 20200205; EP 3456234 B1 20220810; AU 2017262306 A1 20181122; AU 2017262306 B2 20200326; AU 2020201842 A1 20200402; AU 2020201842 B2 20211209; AU 2021204750 A1 20210805; AU 2021204750 B2 20230615; CN 207768302 U 20180828; EP 4101360 A1 20221214; JP 2019514592 A 20190606; JP 2020108820 A 20200716; JP 6686177 B2 20200422; JP 6880276 B2 20210602; TW 201739408 A 20171116; TW I725176 B 20210421; WO 2017196004 A1 20171116

DOCDB simple family (application)
EP 17796304 A 20170425; AU 2017262306 A 20170425; AU 2020201842 A 20200313; AU 2021204750 A 20210707; CN 201720483375 U 20170503; EP 22184088 A 20170425; JP 2018558184 A 20170425; JP 2020065947 A 20200401; KR 2017004391 W 20170425; TW 106113812 A 20170425