

Title (en)
ELECTRIC VACUUM CLEANER

Title (de)
ELEKTRISCHER STAUBSAUGER

Title (fr)
ASPIRATEUR ÉLECTRIQUE

Publication
EP 3662805 A4 20210505 (EN)

Application
EP 18842320 A 20180731

Priority
• JP 2017149387 A 20170801
• JP 2018028595 W 20180731

Abstract (en)
[origin: EP3662805A1] To provide an electric vacuum cleaner that can store its movable handle in a non-problematic position even when the cleaner body is set to the standing position or is used in the inverted position. The electric vacuum cleaner 1 includes: a body housing 11 provided with a handle storage recess 11a; a handle 14 that is provided on the body housing 11 and can move between a storage position in which the handle 14 is entered the handle storage recess 11a and a use position in which the handle 14 is released from the handle storage recess 11a; and a handle holding mechanism 61 that holds the handle 14 being in the storage position in the handle storage recess 11a.

IPC 8 full level
A47L 9/32 (2006.01)

CPC (source: EP)
A47L 5/362 (2013.01); **A47L 9/009** (2013.01); **A47L 9/106** (2013.01); **A47L 9/2873** (2013.01); **A47L 9/327** (2013.01)

Citation (search report)
• [XA] EP 1712175 A1 20061018 - SAMSUNG KWANGJU ELECTRONICS CO [KR]
• [XA] JP H08224199 A 19960903 - SHARP KK
• [XA] JP 2009089811 A 20090430 - HITACHI APPLIANCES INC
• [X] EP 1839550 A2 20071003 - TOSHIBA TEC KK [JP]
• [X] JP H09299295 A 19971125 - MITSUBISHI ELECTRIC CORP, et al
• See references of WO 2019026882A1

Cited by
EP4039149A1; FR3119528A1; WO2022167767A1

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 3662805 A1 20200610; EP 3662805 A4 20210505; CN 110831474 A 20200221; CN 110831474 B 20210716; JP 2019025146 A 20190221; JP 7005212 B2 20220121; WO 2019026882 A1 20190207

DOCDB simple family (application)
EP 18842320 A 20180731; CN 201880044664 A 20180731; JP 2017149387 A 20170801; JP 2018028595 W 20180731