

Title (en)
ELECTRIC VACUUM CLEANER

Title (de)
ELEKTRISCHER STAUBSAUGER

Title (fr)
ASPIRATEUR ÉLECTRIQUE

Publication
EP 3491987 A4 20200429 (EN)

Application
EP 17834551 A 20170728

Priority
• JP 2016149921 A 20160729
• JP 2016149923 A 20160729
• JP 2017027515 W 20170728

Abstract (en)
[origin: EP3491987A1] Provided is a vacuum cleaner capable of efficiently utilizing exhaust of an electric blower when the vacuum cleaner is used as a blower. An exhaust air path (37) is arranged in a body portion (21) so as to communicate between an exhaust side of the electric blower and an exhaust port. A connecting port (34) is arranged on the body portion (21). A blower air path (38) is arranged in the body portion (21) so as to communicate between the exhaust side of the electric blower and the connecting port (34). A switching valve (39) is arranged capable of opening and closing the connecting port (34), so as to switch between the exhaust air path (37) and the blower air path (38) according to the opening and closing. An attachment (17), when being attached to the connecting port (34), communicates with the blower air path (38) upon switching by the switching valve (39).

IPC 8 full level
A47L 9/00 (2006.01); **A47L 5/14** (2006.01); **A47L 5/22** (2006.01); **A47L 5/24** (2006.01); **A47L 9/08** (2006.01); **A47L 9/24** (2006.01)

CPC (source: EP US)
A47L 5/14 (2013.01 - EP); **A47L 5/24** (2013.01 - EP US); **A47L 9/00** (2013.01 - EP US); **A47L 9/08** (2013.01 - EP US); **A47L 9/242** (2013.01 - EP)

Citation (search report)
• [XA] JP 2005006880 A 20050113 - MATSUSHITA ELECTRIC IND CO LTD
• [XA] JP 2011250972 A 20111215 - PANASONIC CORP
• [A] WO 2010134577 A1 20101125 - TOSHIBA KK [JP], et al
• See references of WO 2018021549A1

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 3491987 A1 20190605; **EP 3491987 A4 20200429**; **EP 3491987 B1 20210331**; CN 108697284 A 20181023; MY 193132 A 20220926; US 2019174984 A1 20190613; WO 2018021549 A1 20180201

DOCDB simple family (application)
EP 17834551 A 20170728; CN 201780012249 A 20170728; JP 2017027515 W 20170728; MY PI2019000477 A 20170728; US 201716321199 A 20170728