

Title (en)
VACUUM CLEANER

Title (de)
STAUBSAUGER

Title (fr)
ASPIRATEUR

Publication
EP 4226828 A1 20230816 (EN)

Application
EP 21877834 A 20210820

Priority
• KR 20200129015 A 20201006
• KR 2021011069 W 20210820

Abstract (en)
A vacuum cleaner is disclosed. The vacuum cleaner comprises a cleaner body, a suction nozzle, a connection pipe, a first tool assembly, a second tool assembly, and a pipe assembly. The first tool assembly is detachably fixed to a body suction port of the cleaner body and has a first suction port which communicates with the body suction port. The second tool assembly is detachably fixed to the first tool assembly and has a second suction port which communicates with the body suction port. The pipe assembly is fixed to the rear side of the connection pipe and detachably fixed to the second tool assembly. The first tool assembly, the second tool assembly, or the pipe assembly can be selectively detached from the cleaner body, and each tool (suction port) can be effectively used.

IPC 8 full level
A47L 9/06 (2006.01); **A47L 5/26** (2006.01); **A47L 9/24** (2006.01)

CPC (source: EP KR US)
A47L 5/225 (2013.01 - EP US); **A47L 5/26** (2013.01 - EP KR US); **A47L 9/0027** (2013.01 - EP); **A47L 9/06** (2013.01 - EP);
A47L 9/0613 (2013.01 - KR); **A47L 9/064** (2013.01 - EP); **A47L 9/0673** (2013.01 - KR); **A47L 9/0693** (2013.01 - EP KR);
A47L 9/242 (2013.01 - KR); **A47L 9/246** (2013.01 - EP US); **A47L 9/248** (2013.01 - EP KR); **A47L 9/0613** (2013.01 - US)

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

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
EP 4226828 A1 20230816; **EP 4226828 A4 20241023**; CN 216602698 U 20220527; KR 20220045857 A 20220413;
US 2023404337 A1 20231221; WO 2022075580 A1 20220414

DOCDB simple family (application)
EP 21877834 A 20210820; CN 202122387136 U 20210929; KR 20200129015 A 20201006; KR 2021011069 W 20210820;
US 202118029831 A 20210820