

Title (en)
VACUUM CLEANER STATION

Title (de)
STAUBSAUGERSTATION

Title (fr)
STATION D'ASPIRATEUR

Publication
EP 4356804 A1 20240424 (EN)

Application
EP 22950445 A 20220725

Priority
KR 2022010892 W 20220725

Abstract (en)
The present disclosure relates to a cleaner station, in which a dust collecting part includes an air discharge port formed to allow air to be discharged, a mesh configured to cover the air discharge port, and a compression plate rotatably disposed in an internal space of a dust collecting body and configured to clean the mesh while rotating, such that a rotary plate may rotate in the dust collecting body and move dust to a space, which is not an air flow path, to ensure a smooth flow of air, the rotary plate may compress dust to additionally capture the dust, and the rotary plate may wipe away dust attached to the mesh to ensure a smooth flow of air.

IPC 8 full level
A47L 9/16 (2006.01); **A47L 9/10** (2006.01); **A47L 9/20** (2006.01); **A47L 9/22** (2006.01); **A47L 9/28** (2006.01)

CPC (source: EP)
A47L 9/10 (2013.01); **A47L 9/106** (2013.01); **A47L 9/108** (2013.01); **A47L 9/16** (2013.01); **A47L 9/1625** (2013.01); **A47L 9/1641** (2013.01); **A47L 9/1666** (2013.01); **A47L 9/1683** (2013.01); **A47L 9/1691** (2013.01); **A47L 9/20** (2013.01); **A47L 9/22** (2013.01); **A47L 9/28** (2013.01)

Citation (search report)
See references of WO 2024024992A1

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 4356804 A1 20240424; CN 117897080 A 20240416; WO 2024024992 A1 20240201

DOCDB simple family (application)
EP 22950445 A 20220725; CN 202280050210 A 20220725; KR 2022010892 W 20220725