

Title (en)
CLEANER STATION

Title (de)
REINIGUNGSSTATION

Title (fr)
STATION DE NETTOYAGE

Publication
EP 4140379 A1 20230301 (EN)

Application
EP 21792631 A 20210422

Priority
• KR 20200048696 A 20200422
• KR 2021005094 W 20210422

Abstract (en)
Disclosed is a cleaner station including a first station with which a hand vacuum cleaner can be combined and a second station with which a robotic vacuum cleaner can be combined. The first station may include a first suction portion which sucks dust from a dust bin of the hand vacuum cleaner. The second station may include a second suction portion which sucks dust from a dust bin of the robotic vacuum cleaner. The cleaner station may include a dust inlet where the dust sucked by the first suction portion and the second suction portion is discharged. The cleaner station may include a dust storage box which communicates with the dust inlet and receives the dust sucked by the first suction portion and the second suction portion.

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

CPC (source: EP KR US)
A47L 5/24 (2013.01 - EP KR); **A47L 9/0072** (2013.01 - EP); **A47L 9/14** (2013.01 - EP); **A47L 9/2852** (2013.01 - EP KR);
A47L 9/2873 (2013.01 - EP KR US); **A47L 2201/022** (2013.01 - EP US); **A47L 2201/024** (2013.01 - EP KR US)

Citation (search report)
See references of WO 2021215842A1

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 4140379 A1 20230301; AU 2021258977 A1 20221103; AU 2021258977 B2 20240201; CN 115426929 A 20221202;
CN 115426929 B 20240213; JP 2023522461 A 20230530; JP 7472316 B2 20240422; KR 20210130655 A 20211101;
US 2023132447 A1 20230504; WO 2021215842 A1 20211028

DOCDB simple family (application)
EP 21792631 A 20210422; AU 2021258977 A 20210422; CN 202180030175 A 20210422; JP 2022564453 A 20210422;
KR 2021005094 W 20210422; KR 20210051190 A 20210420; US 202117918481 A 20210422