

Title (en)
BASE AND CLEANING ROBOT SYSTEM

Title (de)
BASIS UND REINIGUNGSROBOTERSYSTEM

Title (fr)
BASE ET SYSTÈME DE ROBOT DE NETTOYAGE

Publication
EP 4260787 A1 20231018 (EN)

Application
EP 21902132 A 20210915

Priority
• CN 202011458692 A 20201211
• CN 2021118559 W 20210915

Abstract (en)
A base (2) and a cleaning robot system, relating to the technical field of smart home. The base (2) for cleaning a cleaning mechanism of a cleaning robot (1) comprises a cleaning slot (301), the cleaning slot (301) is used for accommodating at least part of the cleaning mechanism and cleaning the at least part of the cleaning mechanism, the cleaning slot (301) comprises a first end and a second end, and the direction of a connecting line between the first end and the second end is substantially parallel to the extension direction of the cleaning mechanism. The cleaning slot (301) for accommodating a cleaning liquid is formed on a base body (300), and thus when the lower part of the cleaning mechanism moves into the cleaning slot (301), the cleaning mechanism is cleaned by using the cleaning liquid in the cleaning slot (301), that is, the cleaning robot (1) can be automatically cleaned in the cleaning slot (301).

IPC 8 full level
A47L 11/24 (2006.01); **A47L 11/28** (2006.01); **A47L 11/40** (2006.01)

CPC (source: CN EP US)
A47L 11/24 (2013.01 - CN); **A47L 11/28** (2013.01 - CN US); **A47L 11/302** (2013.01 - EP); **A47L 11/40** (2013.01 - CN); **A47L 11/4005** (2013.01 - CN); **A47L 11/4019** (2013.01 - EP US); **A47L 11/4036** (2013.01 - CN); **A47L 11/4041** (2013.01 - CN EP); **A47L 11/4069** (2013.01 - EP); **A47L 11/4088** (2013.01 - EP US); **A47L 11/4091** (2013.01 - EP); **A47L 2201/022** (2013.01 - EP US); **A47L 2201/024** (2013.01 - EP US); **A47L 2201/028** (2013.01 - EP US)

Citation (search report)
See references of WO 2022121424A1

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)
US 2023029165 A1 20230126; CN 114587180 A 20220607; EP 4260787 A1 20231018; WO 2022121424 A1 20220616

DOCDB simple family (application)
US 202217956561 A 20220929; CN 202011458692 A 20201211; CN 2021118559 W 20210915; EP 21902132 A 20210915