

Title (en)
CLEANING ROBOT, CLEANING SYSTEM, AND CLEANING METHOD

Title (de)
REINIGUNGSROBOTER, REINIGUNGSSYSTEM UND REINIGUNGSVERFAHREN

Title (fr)
ROBOT DE NETTOYAGE, SYSTÈME DE NETTOYAGE ET PROCÉDÉ DE NETTOYAGE

Publication
EP 4257022 A4 20240710 (EN)

Application
EP 21900129 A 20211206

Priority

- CN 202011403195 A 20201204
- CN 202022876299 U 20201204
- CN 202110174062 A 20210209
- CN 202111310212 A 20211105
- CN 2021135763 W 20211206

Abstract (en)
[origin: EP4257022A1] A cleaning robot. The cleaning robot comprises: a body (10); a moving unit (20), arranged on the body (10) and configured to support the body (10) and drive the cleaning robot to move on the surface of a working area; a mopping unit (40), provided with a mopping working head, provided on the body (10), and configured to execute a preset mopping action; and a control unit (50) configured to: when the cleaning robot is in a state of being ready to travel onto a carpet, control the mopping working head to be risen. The rising height of the mopping working head is greater than 6 mm. The cleaning robot can adapt to soft ground materials such as carpets, and adaptability of the cleaning robot is improved.

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

CPC (source: EP US)
A46B 13/001 (2013.01 - US); **A46B 13/02** (2013.01 - US); **A47L 11/24** (2013.01 - EP US); **A47L 11/28** (2013.01 - EP US); **A47L 11/302** (2013.01 - EP); **A47L 11/4011** (2013.01 - EP US); **A47L 11/4019** (2013.01 - EP); **A47L 11/4038** (2013.01 - EP); **A47L 11/4041** (2013.01 - EP US); **A47L 11/4055** (2013.01 - EP US); **A47L 11/4069** (2013.01 - US); **A46B 2200/3033** (2013.01 - US); **A47L 2201/026** (2013.01 - EP); **A47L 2201/06** (2013.01 - EP US)

Citation (search report)

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- [XA] WO 2019233493 A1 20191212 - POSITEC POWER TOOLS SUZHOU CO LTD [CN]
- [XA] WO 2020103835 A1 20200528 - SHANGHAI NANMU ROBOT TECH CO LTD [CN]
- See also references of WO 2022117107A1

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 4257022 A1 20231011; **EP 4257022 A4 20240710**; CN 115135215 A 20220930; CN 115135215 B 20240614; CN 217959964 U 20221206; CN 219962747 U 20231107; CN 219962748 U 20231107; CN 220309069 U 20240109; CN 220494924 U 20240220; US 2023404351 A1 20231221; WO 2022117107 A1 20220609

DOCDB simple family (application)
EP 21900129 A 20211206; CN 2021135763 W 20211206; CN 202123043646 U 20211206; CN 202180014653 A 20211206; CN 202223415738 U 20211206; CN 202223476474 U 20211206; CN 202223487849 U 20211206; CN 202223491633 U 20211206; US 202318205432 A 20230602