

Title (en)

AUTONOMOUS CLEANING ROBOT PROVIDED WITH A WET CLEANING DEVICE

Title (de)

AUTONOMER REINIGUNGSROBOTER, DER MIT EINER NASSREINIGUNGSVORRICHTUNG AUSGESTATTET IST

Title (fr)

ROBOT DE NETTOYAGE AUTONOME ÉQUIPÉ D'UN DISPOSITIF DE NETTOYAGE HUMIDE

Publication

EP 4115785 C0 20240417 (FR)

Application

EP 22182721 A 20220704

Priority

FR 2107358 A 20210707

Abstract (en)

[origin: WO2023281191A1] The invention relates to an autonomous cleaning robot (2) which comprises a main body (3) having a lower face (4) and a suction opening (5) opening onto the lower face (4); a wet cleaning device (14) having two floorcloth supports (15) which are each mounted so as to be translatably movable with respect to the main body (3) in a direction of translation (T), and two floorcloths mounted respectively on the two floorcloth supports (15); and two drive wheels (7) configured to roll over the surface to be cleaned and mounted rotatably on the main body (3) respectively about two axes of rotation which are substantially parallel. The two floorcloth supports (15) are located behind the axes of rotation of the drive wheels (7), and the direction of translation (T) extends substantially parallel to the axes of rotation of the two drive wheels (7).

IPC 8 full level

A47L 11/12 (2006.01); **A47L 11/20** (2006.01)

CPC (source: EP KR US)

A47L 11/125 (2013.01 - EP KR); **A47L 11/201** (2013.01 - EP KR); **A47L 11/30** (2013.01 - US); **A47L 11/4005** (2013.01 - KR US); **A47L 11/4036** (2013.01 - KR); **A47L 11/4041** (2013.01 - KR US); **A47L 11/4044** (2013.01 - KR); **A47L 11/4055** (2013.01 - US); **A47L 11/4072** (2013.01 - US); **A47L 11/4083** (2013.01 - US); **A47L 11/4088** (2013.01 - KR US); **A47L 11/4094** (2013.01 - KR); **A47L 2201/00** (2013.01 - EP KR)

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

Participating member state (EPC – UP)

AT BE BG DE DK EE FI FR IT LT LU LV MT NL PT SE SI

DOCDB simple family (publication)

EP 4115785 A1 20230111; **EP 4115785 B1 20240417**; **EP 4115785 C0 20240417**; CN 117615693 A 20240227; ES 2987130 T3 20241113; FR 3124935 A1 20230113; FR 3124935 B1 20230609; JP 2024523706 A 20240628; KR 20240031351 A 20240307; US 2024315516 A1 20240926; WO 2023281191 A1 20230112

DOCDB simple family (application)

EP 22182721 A 20220704; CN 202280047969 A 20220704; ES 22182721 T 20220704; FR 2022051320 W 20220704; FR 2107358 A 20210707; JP 2024500219 A 20220704; KR 20247003832 A 20220704; US 202218577080 A 20220704