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

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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).

Abstract (fr)

Le robot de nettoyage autonome (2) comprend un corps principal (3) comportant une face inférieure (4) et une ouverture d'aspiration (5) débouchant dans la face inférieure (4) ; un dispositif de nettoyage humide (14) comportant deux supports de serpillère (15) qui sont chacun montés mobiles en translation par rapport au corps principal (3) selon une direction de translation (T), et deux serpillères montées respectivement sur les deux supports de serpillère (15) ; et deux roues motrices (7) configurées pour rouler sur la surface à nettoyer et montées mobiles en rotation sur le corps principal (3) respectivement autour de deux axes de rotation qui sont sensiblement parallèles. Les deux supports de serpillère (15) sont situés à l'arrière des axes de rotation des roues motrices (7), et la direction de translation (T) s'étend sensiblement parallèlement aux axes de rotation des deux roues motrices (7).

IPC 8 full level

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CPC (source: EP KR US)

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Citation (applicant)

EP 3257416 A1 20171220 - HOBOT TECH INC [TW]

Citation (search report)

- [A] US 2020383547 A1 20201210 - SUTTER CATRIONA C A [US], et al
- [A] KR 20120088314 A 20120808 - LG ELECTRONICS INC [KR]
- [A] US 2019191952 A1 20190627 - JOHNSON STEVE M [US], et al

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