

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 4088639 B1 20240228 (FR)**

Application

**EP 22171679 A 20220504**

Priority

FR 2104901 A 20210510

Abstract (en)

[origin: CN115316882A] An autonomous cleaning robot (2) comprising a body (3); a wet cleaning device (11) movably mounted relative to the body (3) between a working position and a non-working position; and a translation drive mechanism (17) configured to translate the wet cleaning device (11) between the active and inactive positions. The translating drive mechanism (17) comprising a plurality of drive studs (18), each drive stud (18) comprising a threaded drive portion (21) configured to cooperate with a respective complementary threaded drive portion (22) provided on the wet cleaning device (11); and a motion transmission mechanism (25) configured to simultaneously drive the drive stud (18) to rotate in a first rotational direction to move the wet cleaning device (11) towards a working position and in a second rotational direction to move the wet cleaning device (11) towards a non-working position.

IPC 8 full level

**A47L 11/40** (2006.01)

CPC (source: CN EP)

**A47L 11/00** (2013.01 - CN); **A47L 11/28** (2013.01 - CN); **A47L 11/40** (2013.01 - CN); **A47L 11/4002** (2013.01 - CN);  
**A47L 11/4011** (2013.01 - CN); **A47L 11/4036** (2013.01 - CN EP); **A47L 11/4041** (2013.01 - CN); **A47L 11/4055** (2013.01 - EP);  
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DOCDB simple family (publication)

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