

Title (en)
AUTONOMOUS VACUUM CLEANER WITH ROTATABLE STEM

Title (de)
AUTONOMER STAUBSAUGER MIT DREHBAREM STAB

Title (fr)
ASPIRATEUR AUTONOME AVEC TIGE PIVOTANTE

Publication
EP 3624660 B1 20210428 (FR)

Application
EP 18723032 A 20180516

Priority
• FR 1754347 A 20170517
• EP 2018062757 W 20180516

Abstract (en)
[origin: WO2018210940A1] An autonomous vacuum cleaner comprising: - a suction unit (10), - a suction head (20), - at least one connecting tube (30) arranged between the suction unit (10) and the suction head (20), - electrical energy storage means, characterised in that the autonomous vacuum cleaner comprises: - pivoting means (40), arranged to form a pivot link between the connecting tube (30) and the suction head (20) or the suction unit (10), so as to allow the suction unit (10) to rotate relative to the suction head (20) about an axial direction of the connecting tube (30), between a nominal use position and at least one lowered use position in which the suction unit (10) has a smaller vertical space requirement than a vertical space requirement in the nominal use position, - locking means (50) arranged to lock the pivoting means (40) at least in the nominal use position.

IPC 8 full level
A47L 5/24 (2006.01); **A47L 9/24** (2006.01)

CPC (source: CN EP)
A47L 5/24 (2013.01 - CN EP); **A47L 9/02** (2013.01 - CN); **A47L 9/242** (2013.01 - CN EP); **A47L 9/246** (2013.01 - EP); **A47L 9/248** (2013.01 - CN)

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)
WO 2018210940 A1 20181122; CN 108937708 A 20181207; CN 108937708 B 20220215; CN 209595638 U 20191108;
EP 3624660 A1 20200325; EP 3624660 B1 20210428; ES 2871974 T3 20211102; FR 3066375 A1 20181123; FR 3066375 B1 20190510

DOCDB simple family (application)
EP 2018062757 W 20180516; CN 201810455856 A 20180514; CN 201820710440 U 20180514; EP 18723032 A 20180516;
ES 18723032 T 20180516; FR 1754347 A 20170517