

Title (en)
STICK VACUUM CLEANER HAVING HINGED BRUSH HEAD

Title (de)
STIELSTAUBSAUGER MIT SCHWENKBAREM BÜRSTENKOPF

Title (fr)
ASPIRATEUR BALAI AVEC SUCEUR ARTICULÉ

Publication
EP 3324806 B1 20220511 (FR)

Application
EP 16750194 A 20160722

Priority
• FR 1557091 A 20150724
• FR 2016051923 W 20160722

Abstract (en)
[origin: WO2017017365A1] The invention relates to a vacuum cleaner including: a vacuum cleaner body (10) including means for vacuuming (11) and a handling interface (12) for a user, a brush head (20) arranged to be in contact with a floor to be cleaned and hinged relative to the vacuum cleaner body (10), an air circuit between the means for vacuuming (11) and the brush head (20) and including a first deformable air channel having a first end connected to the brush head (20). The invention is characterized in that the stick vacuum cleaner includes at least one ball-joint part mounted in ball-joint connection relative to the vacuum cleaner body (10) and on which part is carried a second end of the first deformable air channel, and in that the air circuit includes at least a second deformable air channel, at least partially housed within the ball-joint part, and connecting said carried second end to a portion of the air circuit of the vacuum cleaner body (10).

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

CPC (source: EP KR RU)
A47L 5/24 (2013.01 - EP KR RU); **A47L 9/242** (2013.01 - EP KR); **A47L 9/248** (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

DOCDB simple family (publication)
FR 3039055 A1 20170127; FR 3039055 B1 20170825; CN 107847092 A 20180327; CN 107847092 B 20211026; EP 3324806 A1 20180530; EP 3324806 B1 20220511; ES 2922474 T3 20220915; KR 102588972 B1 20231013; KR 20180033246 A 20180402; RU 2018104865 A 20190826; RU 2018104865 A3 20190826; RU 2701221 C2 20190925; WO 2017017365 A1 20170202

DOCDB simple family (application)
FR 1557091 A 20150724; CN 201680041462 A 20160722; EP 16750194 A 20160722; ES 16750194 T 20160722; FR 2016051923 W 20160722; KR 20187005049 A 20160722; RU 2018104865 A 20160722