

Title (en)  
WATER ABSORPTION BRUSH HEAD AND WET/DRY VACUUM CLEANER WITH SAME

Title (de)  
WASSERABSORPTIONSBÜRSTENKOPF UND NASS-/TROCKENSTAUBSAUGER DAMIT

Title (fr)  
TÊTE DE BROSSÉ D'ABSORPTION D'EAU ET ASPIRATEUR HUMIDE/SEC DOTÉ DE CELLE-CI

Publication  
**EP 3549503 A4 20200805 (EN)**

Application  
**EP 17875326 A 20171204**

Priority  

- CN 201611100361 A 20161202
- CN 201720493125 U 20170505
- CN 201710311781 A 20170505
- CN 2017114510 W 20171204

Abstract (en)  
[origin: EP3549503A1] The present invention relates to a water absorption brush head comprising a brush head housing (1). The brush head housing (1) is provided with a suction passage in communication with a vacuum source to generate a suction flow. The brush head housing (1) comprises a brush head portion (12). The brush head portion (12) is provided with a first scraping strip (2) and a second scraping strip (3). A suction inlet (11) in communication with the suction passage is formed between the first scraping strip (2) and the second scraping strip (3). The first scraping strip (2) and the second scraping strip (3) are formed in such a manner that at least one end thereof protrudes out of a boundary of the brush head portion (12) in the extension direction of a first axis (N). With the water absorption brush head, the proximity of left and right ends of a water brush can be improved, and the total width of the suction inlet is greater than that of the brush head housing, and both sides thereof protrude out of the margin of the brush head housing, so in marginal areas, such as a corner of a wall or a window frame, the scraping strips can be brought into contact with corner areas ahead of the brush head housing, so that the corner areas can be fully cleaned without any blind spots

IPC 8 full level  
**A47L 9/06** (2006.01); **A47L 1/00** (2006.01); **A47L 7/00** (2006.01)

CPC (source: CN EP)  
**A47L 1/00** (2013.01 - EP); **A47L 7/0009** (2013.01 - EP); **A47L 9/0693** (2013.01 - CN)

Citation (search report)  

- [XAI] EP 2499953 A1 20120919 - HEFTER MASCHB GMBH & CO KG [DE]
- [XAI] US 5911260 A 19990615 - SUZUKI MASATO [JP]
- [XAI] US 2002050023 A1 20020502 - STUHLIK WILLIAM R [US]
- [XYI] EP 2484262 A1 20120808 - HEFTER MASCHB GMBH & CO KG [DE]
- [XAI] US 5579555 A 19961203 - PEARSE STEPHEN C [US]
- [XYI] US 2011283471 A1 20111124 - PUTT NICHOLAS JOHN [GB]
- [XAI] US 3571841 A 19710323 - CROUSER DARWIN S
- [XAI] JP 4363995 B2 20091111
- [XDYI] CN 204889859 U 20151223 - ZHONGSHAN XINHUOLI INTELLIGENT HOUSEHOLD ELECTRICAL APPLIANCE CO LTD, et al
- [A] EP 0928151 A1 19990714 - KLOTZ PETER [DE]
- See references of WO 2018099486A1

Cited by  
CN113069049A

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)  
**EP 3549503 A1 20191009; EP 3549503 A4 20200805; EP 3549503 B1 20230308**; CN 108143345 A 20180612; CN 207627248 U 20180720

DOCDB simple family (application)  
**EP 17875326 A 20171204**; CN 201710311781 A 20170505; CN 201720493125 U 20170505