

Title (en)
VACUUM CLEANER

Title (de)
STAUBSAUGER

Title (fr)
ASPIRATEUR

Publication
EP 3549504 A4 20200812 (EN)

Application
EP 17877042 A 20171205

Priority

- CN 201611087795 A 20161201
- CN 201611139671 A 20161212
- CN 201611139114 A 20161212
- CN 201611139122 A 20161212
- CN 201611139125 A 20161212
- CN 2017114537 W 20171205

Abstract (en)
[origin: EP3549504A1] Disclosed is a vacuum cleaner, comprising a dirty air inlet, a clean air outlet and an air channel arranged between the dirty air inlet and the clean air outlet. A vacuum generator (8) is arranged inside the air channel. A first filter (23) is arranged in the upper reach of the vacuum generator (8). A second filter (25) is arranged in the upper reach of the first filter (23). The vacuum cleaner further comprises a state sensor (5). When in a first state, the first filter (23) and the second filter (25) are combined to trigger the state sensor (5). When in a second state, the first filter (23) and the second filter (25) are not combined, and the state sensor (5) is not triggered. Missing mounting prevention detection of a main filter and a pre-filter can be realised at the same time by means of a micro-control switch, thereby saving on the cost.

IPC 8 full level
A47L 9/10 (2006.01); **A47L 9/12** (2006.01)

CPC (source: EP)
A47L 9/10 (2013.01); **A47L 9/127** (2013.01)

Citation (search report)

- [A] GB 739249 A 19551026 - FISKER & NIELSEN AS, et al
- [A] GB 345006 A 19310319
- [A] WO 0042893 A2 20000727 - SHOP VAC CORP [US]
- [A] GB 265965 A 19270804 - SIEMENS SCHUCKERTWERKE GMBH
- See references of WO 2018099489A1

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

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