

Title (en)
MITE-REMOVING VACCUM CLEANER

Title (de)
MILBENENTFERNENDER STAUBSAUGER

Title (fr)
ASPIRATEUR ÉLIMINANT LES ACARIENS

Publication
EP 3138455 A1 20170308 (EN)

Application
EP 15183625 A 20150903

Priority
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Abstract (en)
The present disclosure illustrates an mite-removing vacuum cleaner (100) including a cleaner body (10) and a mite-removing device (20). The mite-removing device (20) is detachably combined with a front section of the cleaner body (10) and includes a circuit board (21), a vibrator (30) and a UV sterilization lamp (28). The circuit board (21) is electrically connected to a power source, and the vibrator (30) is electrically connected to the circuit board (21). The UV sterilization lamp (28) is located at the bottom surface of the mite-removing device (28) and electrically connected to the circuit board (20). When the cleaner body (10) is assembled with the mite-removing device (20), the mite-removing vacuum cleaner (100) can perform mite-removing and dust-sucking functions both; when the cleaner body (10) is disassembled from the mite-removing device (20), the cleaner body (10) can perform the dust-sucking function independently. Therefore, the mite-removing vacuum cleaner (100) of the present disclosure can provide the mite-removing and dust-sucking functions both, or provide the dust-sucking function independently.

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CPC (source: EP)
A47L 7/0061 (2013.01); **A47L 9/30** (2013.01)

Citation (applicant)
TW M424153 U 20120311 - YI YONG-LI [TW]

Citation (search report)
• [A] US 2011138568 A1 20110616 - HSU PET-CHENG [TW]
• [A] EP 2468167 A2 20120627 - LG ELECTRONICS INC [KR]
• [A] US 2013298349 A1 20131114 - SONG BYUNG-HO [KR]
• [A] JP 2005124861 A 20050519 - MATSUSHITA ELECTRIC IND CO LTD
• [A] WO 2006121286 A1 20061116 - BUKANG SEMS CO LTD [KR], et al

Cited by
CN110326997A; EP3995061A1; JP2017060630A

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