

Title (en)  
DOMESTIC VACUUM CLEANER PROVIDED WITH A CAVITY FOR SOUND ATTENUATION

Title (de)  
HAUSSTAUBSAUGER, DER MIT EINEM SCHALLDÄMPFENDEN HOHLRAUM AUSGESTATTET IST

Title (fr)  
ASPIRATEUR DOMESTIQUE ÉQUIPÉ D'UNE CAVITÉ D'ATTÉNUATION ACOUSTIQUE

Publication  
**EP 4056087 B1 20231213 (FR)**

Application  
**EP 22159745 A 20220302**

Priority  
FR 2102224 A 20210308

Abstract (en)  
[origin: CN115089047A] A household vacuum cleaner (2) comprises: a housing (3); a suction engine (16) for generating an air flow; an exhaust circuit (18) comprising at least one exhaust opening (19) arranged on the housing (3) through which the air flow generated by the suction engine (16) is discharged to the outside of the household vacuum cleaner (2), and an exhaust duct (21) fluidly connecting the air outlet (17) of the suction device (12) to the at least one exhaust opening (19) through which the air flow generated by the suction engine (16) is discharged to the outside of the household vacuum cleaner (2). The exhaust circuit (18) comprises a silencing chamber (22) and a sound absorbing element (24) separating the silencing chamber (22) from the exhaust duct (21), the sound absorbing element (24) and the silencing chamber (22) being configured such that a portion of sound waves from the suction device (12) and propagating in the exhaust duct (21) pass through the sound absorbing element (24) and into the silencing chamber (22).

IPC 8 full level  
**A47L 9/00** (2006.01); **A47L 5/36** (2006.01)

CPC (source: CN EP)  
**A47L 5/362** (2013.01 - CN EP); **A47L 9/00** (2013.01 - CN); **A47L 9/0081** (2013.01 - CN EP)

Cited by  
EP4385377A1; FR3143309A1

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DOCDB simple family (publication)  
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