

Title (en)  
VACUUM CLEANER

Publication  
**EP 0024636 B1 19840718 (EN)**

Application  
**EP 80104787 A 19800813**

Priority  
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• JP 10360979 A 19790816

Abstract (en)  
[origin: EP0024636A1] A vacuum cleaner comprising a body case (100) having a motor-driven fan (109), a dust case (200) detachably connected to the body case (100) and a bag-shaped fine filter (301) made of paper. In order to prevent the bag-shaped fine filter (301) made of paper from being broken when dust is shaken off the inner surface of the fine filter (301) to improve the dust collecting performance of the fine filter (301), a filter sustainer (410) is arranged in the dust case (200) for sustaining the fine filter (301) in contact with the outer surface thereof and a vibrating device (428) is arranged in the dust case (200) for causing the filter sustainer (410) seesaw movement so as to give shaking motion to the fine filter (301).

IPC 1-7  
**A47L 9/00**

IPC 8 full level  
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Cited by  
US2022369888A1; CN100353901C; DE3241991A1; AU570597B2; EP1424033A3; CN1330272C; EP1504710A3; EP1629760A3; EP0510309A1; GB2167680A; EP0107785A1; TR27634A; US7346957B2; US6934994B2; GB2426436A; GB2426439A; GB2426439B; GB2426436B; AT387902B; US9038236B2; US7386916B2; US7736406B2

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