

Title (en)  
Vacuum cleaner

Title (de)  
Staubsauger

Title (fr)  
Aspirateur

Publication  
**EP 2042072 A2 20090401 (EN)**

Application  
**EP 08253105 A 20080923**

Priority  
• JP 2007255052 A 20070928  
• JP 2008239502 A 20080918

Abstract (en)  
An upstream-side hose 11 is in the contracted state when in the natural length and can be stretched by an external force, and, at least when in the contracted state, can be accommodated in an extension pipe unit 6. The upstream part of the upstream-side hose 11 is connected to the downstream part of the extension pipe unit 6. A downstream-side hose 12, of which the contractive property when exposed to a negative pressure from a motor fan is smaller than that of the upstream-side hose 11, is connected to the downstream part of the upstream-side hose 11. A securing means 33 that is capable of maintaining the upstream-side hose 11 in the extended state is provided. When cleaning is performed, the securing means 33 maintains the upstream-side hose 11 in the extended state. Ease of cleaning is facilitated by preventing contraction of the upstream-side hose 11 due to negative pressure from the motor fan 2 or other force during cleaning. When stowing away the vacuum cleaner, the entire length of the pipe assembly 4 can be minimized by stowing the upstream-side hose 11 in the contracted state in the extension pipe unit 6, enabling the vacuum cleaner to be stowed easily and neatly.

IPC 8 full level  
**A47L 9/00** (2006.01); **A47L 9/24** (2006.01)

CPC (source: EP)  
**A47L 9/00** (2013.01); **A47L 9/248** (2013.01)

Citation (applicant)  
• JP 2006255305 A 20060928 - TOSHIBA TEC KK  
• JP 2006326093 A 20061207 - TOSHIBA TEC KK

Cited by  
DE102009026748B4; CN103027637A; US8943646B2; WO2013045888A1; US9066644B2; US9339161B2

Designated contracting state (EPC)  
DE GB

Designated extension state (EPC)  
AL BA MK RS

DOCDB simple family (publication)  
**EP 2042072 A2 20090401; EP 2042072 A3 20100901; EP 2042072 B1 20150701**

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