

Title (en)
Electric suction cleaner.

Title (de)
Elektro-Staubsauger.

Title (fr)
Aspirateur de poussières électrique.

Publication
EP 0339323 A2 19891102 (DE)

Application
EP 89106043 A 19890406

Priority
IT 1246288 A 19880429

Abstract (en)
[origin: JPH0245028A] PURPOSE: To remove a filter bag cleanly and readily, in a vacuum cleaner capable of separating a filter bag to the opposite side of the vertical position of the section of a short pipe connecting part by an intermediate supporter, by detaching a chamber near a valve shaft. CONSTITUTION: A case 1 is divided into a motor case 5 and a chamber 6 to be inserted into the upper part of the case for storing a filter bag 7. The chamber 6 is made of a fiber sack 11 reinforced with wire rods like a basket. To remove the filter bag 7, the case 1 can be opened by completely opening its section. A shaft 14 of a cover enabling this state is on narrow one side surface of the case 1. An exchange of the filter bags is performed at a normal use position. By turning the intermediate supporter and further turning the bag short pipe, the short pipe connecting part is automatically separated to begin with, thereby to optimize the process, and then to optimize a possibility of removing the bag short pipe from a hinge.

Abstract (de)
Die Erfindung bezieht sich auf Elektro-Saugsauger und zugehörige Filterbeutel (7), welcher nach Öffnen und Trennen der Stutzenanschlußverbindung aus einer Kammer (6) entnehmbar ist, und schlägt zur Erzielung einer erleichterten, sauberen Handhabung beim Filterbeutelwechsel vor, daß die Kammer (6) durch Ausrasten im Bereich der Achse (14) abtrennbar ist, nach Klapptrennung vom Filterbeutel (7).

IPC 1-7
A47L 9/14

IPC 8 full level
A47L 9/14 (2006.01)

CPC (source: EP US)
A47L 9/1427 (2013.01 - EP US); **A47L 9/1436** (2013.01 - EP US)

Cited by
EP0525411A1; EP0547434A1; US5697119A; EP3563745A1; US2019335967A1; US10842334B2; US11812918B2

Designated contracting state (EPC)
AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)
EP 0339323 A2 19891102; EP 0339323 A3 19901212; EP 0339323 B1 19930728; AT E158158 T1 19971015; AU 3381089 A 19891102; CA 1326333 C 19940125; DE 3911580 A1 19891109; DE 58905009 D1 19930902; DE 58909817 D1 19971023; ES 2042846 T3 19931216; ES 2106808 T3 19971116; FI 86592 B 19920615; FI 86592 C 19920925; FI 892004 A0 19890427; FI 892004 A 19891030; JP 2907865 B2 19990621; JP H0245028 A 19900215; LV 10680 A 19950620; LV 10680 B 19960420; US 4961765 A 19901009; ZA 893195 B 19900131

DOCDB simple family (application)
EP 89106043 A 19890406; AT 92116903 T 19890406; AU 3381089 A 19890428; CA 598130 A 19890428; DE 3911580 A 19890408; DE 58905009 T 19890406; DE 58909817 T 19890406; ES 89106043 T 19890406; ES 92116903 T 19890406; FI 892004 A 19890427; JP 10788689 A 19890428; LV 940148 A 19940727; US 33887689 A 19890414; ZA 893195 A 19890428