

Title (en)

DUST FILTER BAG FOR A VACUUM CLEANER AND VACUUM CLEANER COMPRISING A DUST FILTER BAG

Title (de)

STAUBFILTERBEUTEL FÜR EINEN STAUBSAUGER SOWIE STAUBSAUGER MIT EINEM STAUBFILTERBEUTEL

Title (fr)

SAC DE FILTRE À POUSSIÈRE POUR UN ASPIRATEUR ET ASPIRATEUR DOTÉ D'UN SAC DE FILTRE À POUSSIÈRE

Publication

**EP 2923623 B1 20160907 (DE)**

Application

**EP 15157345 A 20150303**

Priority

- DE 102014104081 A 20140325
- DE 102014111249 A 20140807

Abstract (en)

[origin: JP2015181937A] PROBLEM TO BE SOLVED: To improve a dust collection filter bag and a vacuum cleaner provided with the dust collection filter bag, to improve the dust collection filter bag in particular so as to facilitate the oscillation of a closing cover, to reduce or to completely prevent the outflow of dust, garbage or active carbon, and to achieve the flowing technical improvement of air flow passing through a dust filter in combination of a dust collection filter bag and a vacuum cleaner.SOLUTION: To improve a dust collection filter bag 1, at least one partial area of a collar 6 is inclined only by an angle  $\alpha$  which is larger than  $20^\circ$  and smaller than  $70^\circ$ , preferably larger than  $30^\circ$  and smaller than  $60^\circ$ , and especially preferably larger than  $40^\circ$  and smaller than  $50^\circ$  with respect to a surface normal line 9 of a supply surface 4 about a cross section with the rotational axis 7 of a closing cover 8 shown as a point.

IPC 8 full level

**A47L 9/14** (2006.01)

CPC (source: EP)

**A47L 9/1445** (2013.01)

Cited by

DE102019102357A1; DE102019102357B4; DE102019123150A1; DE102019123150B4; DE102019123149A1; DE102019123149B4

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