

Title (en)
Dust collector for vacuum cleaner

Title (de)
Staubsauger für Staubsauger

Title (fr)
Collecteur de poussières pour aspirateur

Publication
EP 1692993 A1 20060823 (EN)

Application
EP 05109323 A 20051007

Priority
KR 20050013194 A 20050217

Abstract (en)

A dust collector (200) of a vacuum cleaner is disclosed. The dust collector includes a dust collecting container (210) adapted to separate contaminants from air introduced into the dust collecting container (210), and to collect the separated contaminants. The dust collecting container includes an air discharging part (214b,215b) arranged at a top portion of the dust collecting container (210), a container cover (220) mounted to the top portion of the dust collecting container (210), and adapted to open or close the dust collecting container (210). The dust collector also includes a top cover (230) separably coupled with the container cover (220), and a filter (237) arranged between the container cover (220) and the top cover (230), and adapted to filter air discharged from the air discharging part (214b,215b), thereby separating contaminants entrained in the discharged air.

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Citation (search report)

- [XY] US 3870486 A 19750311 - ERIKSSON BOLIK ANDERS GOTTFRID, et al
- [Y] US 2004034962 A1 20040226 - THUR CHARLES J [US], et al
- [Y] US 2004182053 A1 20040923 - CONRAD WAYNE ERNEST [CA], et al
- [Y] WO 02078506 A1 20021010 - POLAR LIGHT LTD [CN], et al
- [PA] US 2005050864 A1 20050310 - OH JANG-KEUN [KR], et al

Cited by
AU2013301354B2; US10285552B2; WO2008054046A1; WO2014023970A1; TWI391177B

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