

Title (en)

Locking/unlocking device for dust-collector and upright vacuum cleaner having the same

Title (de)

Ver-/Entriegelungsvorrichtung für Staubsaugersammelbehälter und senkrechter Staubsauger mit solch einer Vorrichtung

Title (fr)

Système de verrouillage/déverrouillage d'un collecteur de poussière d'aspirateur et aspirateur de type vertical muni d'un tel système

Publication

EP 1743557 B1 20111214 (EN)

Application

EP 06290376 A 20060307

Priority

- KR 20050076485 A 20050819
- US 69839105 P 20050712

Abstract (en)

[origin: EP1743557A2] A dust-collector locking/unlocking device to lock or unlock a dust-collector removably mounted in a cleaner body. The dust-collector locking/unlocking device includes a first member and a second member connected with a lower portion of the first member and serving as a cover for the dust-collector. The first member includes a first hook that is rotatably connected with an upper wall of the cleaner body, a manipulation lever that protrudes from an outer circumference of the first member for rotation of the first member by a user, and first cam parts formed on a lower portion of the first member. The second member includes a second hook movably connected with guide cams formed on the first member, and second cam parts engaged with the first cam part. The second member is moved up and down by the rotational movement of the manipulation lever and thereby lock or unlock the dust-collector.

IPC 8 full level

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CPC (source: EP)

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