

Title (en)

BATTERY-POWERED HAND VACUUM CLEANER RECHARGEABLE VIA A CHARGING BASE

Publication

EP 0100438 A3 19841219 (DE)

Application

EP 83106352 A 19830629

Priority

DE 3228491 A 19820730

Abstract (en)

[origin: EP0100438A2] 1. A battery-operated, hand-held vacuum cleaner rechargeable by a charging base, comprising a drive unit having a suction fan (10, 51) as well as a housing which includes two bowl halves (26, 27) ending in a handle, comprising a dirt container (25) detachably connected with said drive unit by means of a locking button (36), comprising an actuating means for said locking button (36) and comprising a switching button (37) disposed at said handle for switching the vacuum cleaner on and off, said actuating means and said switching button (37) being disposed on the upper side of the vacuum cleaner, characterized in that said locking button (36) is pivoted to said drive unit about an axle (57), said locking button (36) having a locking hook (45) at the side of the axle (57) situated in direction of said dirt container (25), said locking hook engaging with a respective jog of said dirt container, that said locking button (36) is held in this engagement position by a spring (58) disposed in said drive unit and that the actuating region of said locking button (36) is constituted by the portion thereof above said spring (58) and is positioned at the side of said axle (57) situated in direction of said switching button (37) and in direct vicinity of said switching button (37) in such a distance therefrom that the actuating region of said locking button can be reached with the finger actuating said switching button (37) without changing the grasp.

IPC 1-7

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IPC 8 full level

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CPC (source: EP)

A47L 5/24 (2013.01); **A47L 9/125** (2013.01)

Citation (search report)

- [A] DE 7521237 U 19751113
- [A] DE 7624847 U1 19761118
- [A] GB 2028025 A 19800227 - BLACK & DECKER INC
- [A] EP 0008117 B1 19821215

Cited by

US7861351B2; GB2533623A; DE4028113A1; EP0914795A3; US6122796A; AU726494B2; GB2321395A; GB2321395B; EP0378297A1; FR2567744A1; GB2458221A; GB2458221B; GB2441962A; GB2441962B; GB2146518A; US2011219566A1; US2011219571A1; US9155431B2; WO9720492A1; WO9720491A1; WO2018036147A1; WO2008035032A3; US8220109B2; EP3821777A1; EP3821776A1

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