

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

**A47L 5/24**; **A47L 5/00**

IPC 8 full level

**A47L 5/00** (2006.01); **A47L 5/24** (2006.01); **A47L 9/12** (2006.01); **A47L 9/14** (2006.01)

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

Designated contracting state (EPC)

CH DE FR GB IT LI NL SE

DOCDB simple family (publication)

**EP 0100438 A2 19840215**; **EP 0100438 A3 19841219**; **EP 0100438 B1 19890118**; DE 3228491 A1 19840209; DE 3228491 C2 19851024; DE 3378950 D1 19890223

DOCDB simple family (application)

**EP 83106352 A 19830629**; DE 3228491 A 19820730; DE 3378950 T 19830629