

Title (en)
Battery-powered hand vacuum cleaner rechargeable via a charging base.

Title (de)
Batteriebetriebener, über einen Ladesockel wiederaufladbarer Handstaubsauger.

Title (fr)
Aspirateur-balai à piles rechargeable à l'aide d'un socle chargeur.

Publication
EP 0100438 A2 19840215 (DE)

Application
EP 83106352 A 19830629

Priority
DE 3228491 A 19820730

Abstract (en)
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.

Abstract (de)
Die Erfindung betrifft einen batteriebetriebenen, über einen Ladesockel wiederaufladbaren Handstaubsauger mit einer ergonomisch günstigen Positionierung des Rastknopfes zur Lösung des Antriebsteils vom Staubbehälter mit einem preisgünstigen herstellbaren Ladesockel sowie einem strömungsgünstigen Sauggebläse.

IPC 1-7
A47L 5/00

IPC 8 full level
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CPC (source: EP)
A47L 5/24 (2013.01); **A47L 9/125** (2013.01)

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

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