

Title (en)
Vacuum cleaner.

Title (de)
Staubsauger.

Title (fr)
Aspirateur.

Publication
EP 0286203 A1 19881012 (EN)

Application
EP 88300779 A 19880129

Priority
US 3507287 A 19870406

Abstract (en)
A vacuum cleaner (10) includes a telescoping handle (22) having a plurality of resilient pads (106, 116) for preventing vibration and motion of the handle (22) with respect to the remainder of the vacuum cleaner. All elements of the vacuum cleaner are mounted on a single frame (34). A power unit (12) includes two halves which are mounted on the frame (34) from opposite sides. A socket (26) at a lower end of the frame (34) receives the lower end (38) of a substantially rigid dust bowl (14). The upper end (30) of the dust bowl (14) includes a gasket (50) maintained in face-sealing contact with a lower surface (32) of the power unit (12). A latch assembly (123) in the frame (34) includes a locking dog (128) urged into locking entry in one of two openings (117, 119) in the telescoping handle shaft (22). A pair of ramp teeth (134) enter corresponding limit ramps (125, 127) when an attempt is made to extend the handle (22) beyond its normal extension. This prevents further extension but mating ramp surfaces (144, 148) permit retraction to one of the normal locking positions.

IPC 1-7
A47L 9/32; **A47L 9/00**

IPC 8 full level
A47L 9/00 (2006.01); **A47L 9/32** (2006.01)

CPC (source: EP)
A47L 9/00 (2013.01); **A47L 9/322** (2013.01)

Citation (search report)
• [X] FR 2025832 A1 19700911 - ELECTROLUX AB
• [X] FR 1422372 A 19651224 - PARIS & DU RHONE
• [A] DE 1239140 B 19670420 - VORWERK & CO ELEKTROWERKE KG
• [A] FR 2361980 A1 19780317 - VORWERK CO INTERHOLDING [DE]

Cited by
CN111248810A; EP0444516A3; US6052864A; DE29900462U1; EP0928595A1; GB2324712A; US5398567A; WO9733510A1

Designated contracting state (EPC)
BE DE FR GB IT

DOCDB simple family (publication)
EP 0286203 A1 19881012

DOCDB simple family (application)
EP 88300779 A 19880129