

Title (en)
Bendable extension pipe having joint for vacuum cleaner

Title (de)
Abwinkelbares Verlängerungsrohr für Staubsauger

Title (fr)
Rallonge pliable pour aspirateur

Publication
EP 1525840 A3 20060531 (EN)

Application
EP 04253412 A 20040609

Priority
KR 20030072874 A 20031020

Abstract (en)
[origin: EP1525840A2] A bendable extension pipe for a vacuum cleaner with a body bent by a button manipulation that forms a sealed fluid passage between a vacuum cleaner body and a suction brush, is disclosed. The bendable extension pipe includes a first extension pipe and a second extension pipe. The first and second extension pipes are rotatably connected. A locking button is elastically disposed on the first extension pipe to restrict rotation of the first and the second extension pipes. A sealing cover prevents the locking button from moving out of joint of the first and second extension pipes and seals the first and the second extension pipes.

IPC 8 full level
A47L 9/24 (2006.01)

CPC (source: EP KR US)
A47L 9/24 (2013.01 - KR); **A47L 9/242** (2013.01 - EP US)

Citation (search report)

- [XA] EP 1136029 A2 20010926 - SHARP KK [JP]
- [XA] EP 1226777 A1 20020731 - LG ELECTRONICS INC [KR]
- [A] US 5996175 A 19991207 - FUSCO EDWARD [US]
- [A] SE 518135 C2 20020903 - ELECTROLUX AB [SE]

Designated contracting state (EPC)
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DOCDB simple family (publication)
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EP 04253412 A 20040609; CN 200410043118 A 20040511; JP 2004153622 A 20040524; KR 20030072874 A 20031020; RU 2004122589 A 20040722; US 83237004 A 20040427