

Title (en)
Articulated extension pipe of vacuum cleaner

Title (de)
Gelenkigen Verlängerungsrohr für Staubsauger

Title (fr)
Tuyau de rallonge articulé pour aspirateur

Publication
EP 1683464 A2 20060726 (EN)

Application
EP 05356173 A 20050926

Priority
• KR 20050003689 A 20050114
• KR 20050012644 A 20050216

Abstract (en)
An articulative extension pipe for a vacuum cleaner has a first extension pipe (110) having a joint (J1), a second extension pipe (120) having a joint receiving part (J2) in which a joint (J1) of the first extension pipe is inserted, a sealing cover (130) enclosing the first and the second extension pipes, and a locking button (140) disposed between the sealing cover and the first extension pipe, and having at least one coupling protrusion (143) on the outer circumference. One of the sealing cover (130), and the first (110) and the second (120) extension pipes has at least one coupling recess (131c, 112, 114) in which the coupling protrusion (143) of the locking button (140) is selectively inserted so that the first extension pipe can rotate with respect to the second extension pipe. The sealing cover further includes a wheel, which rolls in contact with the surface being cleaned, and a cotton flannel is disposed on the outer circumference of the wheel.

IPC 8 full level
A47L 9/24 (2006.01)

CPC (source: EP US)
A47L 9/009 (2013.01 - EP US); **A47L 9/242** (2013.01 - EP US); **A47L 9/248** (2013.01 - EP US)

Cited by
EP4278937A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1683464 A2 20060726; AU 2005211695 A1 20060803; AU 2005211695 B2 20071213; JP 2006192248 A 20060727;
RU 2005130314 A 20070410; RU 2311867 C2 20071210; US 2006156510 A1 20060720

DOCDB simple family (application)
EP 05356173 A 20050926; AU 2005211695 A 20050926; JP 2005177234 A 20050617; RU 2005130314 A 20050930; US 20745405 A 20050819