

Title (en)

Device for telescopic suction cleaner pipe

Title (de)

Vorrichtung für Teleskop-Saugrohr von Bodenstaubsaugern

Title (fr)

Dispositif pour tuyau télescopique d'aspirateur

Publication

EP 1179313 B1 20061011 (DE)

Application

EP 01114540 A 20010616

Priority

DE 10038740 A 20000809

Abstract (en)

[origin: EP1179313A2] The device has outer and inner pipes, a magazine chamber(s) (9) that accommodates an electric cable in a variable length manner and connection elements for the cable on both ends of the telescopic pipe. The cable is fed via a holder element movable in and out of the magazine chamber that can be coupled to telescopic movements of the inner pipe. The cable is stored in loops in the chamber and there is an arrangement for kink-free cable guidance.

IPC 8 full level

A47L 9/24 (2006.01)

CPC (source: EP US)

A47L 9/244 (2013.01 - EP US); **A47L 9/246** (2013.01 - EP US)

Cited by

WO2011005334A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

EP 1179313 A2 20020213; **EP 1179313 A3 20021218**; **EP 1179313 B1 20061011**; AT E341988 T1 20061115; CA 2354911 A1 20020209; CA 2354911 C 20090106; DE 10038740 A1 20020221; DE 50111183 D1 20061123; US 2002020541 A1 20020221; US 6486396 B2 20021126

DOCDB simple family (application)

EP 01114540 A 20010616; AT 01114540 T 20010616; CA 2354911 A 20010809; DE 10038740 A 20000809; DE 50111183 T 20010616; US 92589101 A 20010809