

Title (en)
Vacuum cleaner adjustable length tube

Title (de)
Längenveränderbares Saugrohr

Title (fr)
Tuyau télescopique pour aspirateur

Publication
EP 0537457 B1 19951220 (DE)

Application
EP 92114843 A 19920831

Priority
DE 4133935 A 19911014

Abstract (en)
[origin: EP0537457A1] In an adjustable-length vacuum cleaner tube consisting of an inner tube (1) and an outer tube (7), a guide piece (6) for a displaceably mounted blocking member (8) is inserted from the outside in an opening of the outer tube which has a constant diameter over its length. A sleeve surrounding the outer tube also covers the guide piece with the blocking member (8), the blocking member (8) being adjustable by means of an actuating knob (15) in such a way that a catch member (4) which engages in a catch notch (3) of the inner tube (1) can be adjusted from a catch position into a release position. <IMAGE>

IPC 1-7
A47L 9/24

IPC 8 full level
A47L 9/24 (2006.01)

CPC (source: EP)
A47L 9/244 (2013.01)

Cited by
EP0664988A1; GB2455811B; EP0757902A1; CN1095639C; EP0738492A1; US5740583A; US8327504B2; US6237962B1; WO2009081093A3; WO2004049891A1; WO0000075A1; US8225457B2; US8240003B2; US8720002B2

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
EP 0537457 A1 19930421; EP 0537457 B1 19951220; DE 59204751 D1 19960201

DOCDB simple family (application)
EP 92114843 A 19920831; DE 59204751 T 19920831