

Title (en)

Telescopic suction tube with a helical electric conductor

Title (de)

Teleskopierbares Saugrohr mit elektrischer Wendelleitung

Title (fr)

Tuyau télescopique d'aspirateur avec conducteur électrique en spirale

Publication

EP 0664988 B1 19990331 (DE)

Application

EP 94116619 A 19941021

Priority

DE 4402835 A 19940131

Abstract (en)

[origin: EP0664988A1] The pipe has an electrically insulated coil between the sections. Between the inner pipe (1) and outer pipe (2) is a hollow chamber (4) sealed at the ends and extending along the overlap distance. This contains the coil (5). One end (11) of the coil is fastened to the end of the inner pipe where it is overlapped by the outer pipe, and from there, a wire goes to a point (13) further down the pipe. The other end (17) of the coil is attached to the end of the hollow chamber on the outer pipe.

IPC 1-7

A47L 9/24

IPC 8 full level

A47L 9/24 (2006.01)

CPC (source: EP)

A47L 9/244 (2013.01); **A47L 9/246** (2013.01)

Cited by

DE10314800B3; EP0835632A3; DE102004004009A1; DE102004004009B4; EP0738492A1; US5740583A

Designated contracting state (EPC)

DE FR GB IT SE

DOCDB simple family (publication)

EP 0664988 A1 19950802; EP 0664988 B1 19990331; DE 4402835 A1 19950803; DE 4402835 C2 19970918; DE 59408040 D1 19990506

DOCDB simple family (application)

EP 94116619 A 19941021; DE 4402835 A 19940131; DE 59408040 T 19941021