

Title (en)
Vacuum cleaner hose with electrical conductors

Title (de)
Staubsaugerschlauch mit elektrischen Leitern

Title (fr)
Tuyau d'aspirateur muni de conducteurs électriques

Publication
EP 1072220 A3 20031217 (DE)

Application
EP 00115052 A 20000726

Priority
DE 29912640 U 19990726

Abstract (en)
[origin: US6353178B1] A vacuum cleaner tube has electrical conductors and a tube having an inner wall and formed spirally on the outside and formed smoothly on the inside and having an end, a helical step disposed at the tube, an end bush having a rear end and plugged into the end of the tube, wherein the end bush exhibits an axial slot having flanks and open at the rear end of the end bush, and locking noses disposed at the end bush. A protective covering is attached at the inner wall of the tube. A projection is formed at the end bush and closed at its front end and formed for receiving the protective covering, wherein the flanks of the axial slot form a transition into the projection. A slip ring support has a longitudinal passing through slot for engaging the tube, wherein the slip ring support is made as a single part. Breakouts are furnished at the slip ring support for an engagement of the locking noses formed at the end bush. A plurality of electrical conductors are disposed in the protective covering.

IPC 1-7
A47L 9/24; F16L 11/118

IPC 8 full level
A47L 9/24 (2006.01)

CPC (source: EP US)
A47L 9/246 (2013.01 - EP US)

Citation (search report)

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- [A] WO 9625083 A1 19960822 - PHILIPS ELECTRONICS NV [NL], et al
- [A] WO 9817936 A1 19980430 - PLASTIFLEX EUROP N V [BE], et al
- [A] EP 0738492 A1 19961023 - MATSUSHITA ELECTRIC IND CO LTD [JP]
- [A] PATENT ABSTRACTS OF JAPAN vol. 1997, no. 07 31 July 1997 (1997-07-31)

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