

Title (en)

Gripping device on a vacuum hose

Title (de)

Griffanordnung an einem Saugschlauch

Title (fr)

Dispositif de prise sur un tuyau d'aspirateur

Publication

EP 2090212 A3 20091118 (DE)

Application

EP 09000261 A 20090110

Priority

DE 102008009389 A 20080214

Abstract (en)

[origin: CN101508107A] A handle arrangement on a suction hose equipped for spray extraction has a bushing non-rotatably attached to one end of the hose, and is inserted in a handle tube and axially fixed therein such that it can rotate in the tube. An elastic liquid line is guided outwards from the hose and the inner bushing in a radial direction through a wall opening of the handle tube and into the cavity of a handle part. The handle part is firmly connected at both ends to the handle tube. The liquid line is fixed so as to form a length reserve loop in the cavity. A receiving space is provided on the inner bushing, into which the liquid line from the length reserve loop is shifted when relative rotations take place between the hose and the handle tube.

IPC 8 full level

A47L 11/34 (2006.01); **A47L 9/24** (2006.01); **A47L 9/32** (2006.01)

CPC (source: EP US)

A47L 9/248 (2013.01 - EP US); **A47L 9/327** (2013.01 - EP US); **A47L 11/34** (2013.01 - EP US); **A47L 11/4075** (2013.01 - EP US); **B08B 3/026** (2013.01 - EP US); **B08B 5/04** (2013.01 - EP US); **B08B 2203/0229** (2013.01 - EP US)

Citation (search report)

- [AD] US 5459901 A 19951024 - BLASE MICHAEL [US], et al
- [A] DE 29512352 U1 19950928 - ELECTROLUX APPARECCHI PER LA P [IT]
- [A] EP 0567044 A1 19931027 - T P A IMPEX ITALIA S R L [IT]
- [A] US 5189755 A 19930302 - YONKERS ROBERT A [US], et al

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

DE 102008009389 B3 20090416; CN 101508107 A 20090819; CN 101508107 B 20110427; EP 2090212 A2 20090819; EP 2090212 A3 20091118; EP 2090212 B1 20150408; ES 2536516 T3 20150526; PL 2090212 T3 20150831; SI 2090212 T1 20150831; US 2009205163 A1 20090820; US 7805806 B2 20101005

DOCDB simple family (application)

DE 102008009389 A 20080214; CN 200910006761 A 20090213; EP 09000261 A 20090110; ES 09000261 T 20090110; PL 09000261 T 20090110; SI 200931217 T 20090110; US 37802409 A 20090210