

Title (en)

Vacuum cleaner with handle and adapter

Title (de)

Staubsauger mit Handgriff und Adapter

Title (fr)

Aspirateur doté d'un manche et d'un adaptateur

Publication

EP 1894508 B1 20110601 (DE)

Application

EP 07015738 A 20070810

Priority

DE 102006040948 A 20060831

Abstract (en)

[origin: EP1894508A2] The cleaner has an adapter (5) for receiving an end area of a vacuum cleaner suction tube and for receiving a tube support of a handle at respective ends of the adapter. The tube is designed as a telescopic tube. The adapter is formed by frames (15-17), which are rotatably connected by a film hinge (19), where the hinge runs parallel to a longitudinal axis of the tube. Free end areas of the frames are deformed against the end area of the tube over a screw fitting (22) in an assembled position. The frames are made of plastic e.g. polyamide and polypropylene.

IPC 8 full level

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

CPC (source: EP US)

A47L 9/246 (2013.01 - EP US); **A47L 9/327** (2013.01 - EP US)

Cited by

DE102011004925A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1894508 A2 20080305; **EP 1894508 A3 20090715**; **EP 1894508 B1 20110601**; AT E511379 T1 20110615; CN 101164487 A 20080423;
CN 101164487 B 20110831; DE 102006040948 B3 20080424; US 2008052871 A1 20080306; US 7836547 B2 20101123

DOCDB simple family (application)

EP 07015738 A 20070810; AT 07015738 T 20070810; CN 200710142267 A 20070831; DE 102006040948 A 20060831;
US 84832707 A 20070831