

Title (en)
Muffler Device for Vacuum Cleaner and Vacuum Cleaner with the same

Title (de)
Schalldämpfer für Staubsauger und Staubsauger mit dieser Vorrichtung

Title (fr)
Dispositif de silencieux pour aspirateur et aspirateur avec ledit dispositif

Publication
EP 1785080 B1 20140115 (EN)

Application
EP 06123600 A 20061107

Priority
CN 200510095446 A 20051110

Abstract (en)
[origin: EP1785080A2] The present invention discloses a muffler device (4) for vacuum cleaner, which is arranged in an air exhaust passage (3) extending from a motor (1) of the vacuum cleaner to an air exhaust outlet (2), and is provided with a plurality of elongate tubes (5). A vacuum device (4) with a muffler device according to the invention can reduce noise produced by the vacuum cleaner during operation, by improving the flexure quality of the air exhaust passage (3) to cause energy loss of sound waves during diffusing.

IPC 8 full level
A47L 9/00 (2006.01)

CPC (source: EP)
A47L 9/0081 (2013.01)

Cited by
EP1917894A1; DE102015100426A1; US8046869B2; WO2009043680A1; US10376113B2; US10426305B2; WO2023073009A1

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
EP 1785080 A2 20070516; EP 1785080 A3 20080409; EP 1785080 A8 20070801; EP 1785080 B1 20140115; CN 100423678 C 20081008; CN 1762296 A 20060426

DOCDB simple family (application)
EP 06123600 A 20061107; CN 200510095446 A 20051110