

Title (en)

VACUUM CLEANER WITH EXHAUST AIR FLOW CHANNELS

Title (de)

STAUBSAUGER MIT ABLUFTSTRÖMUNGSKANÄLEN

Title (fr)

ASPIRATEUR POURVU DE CANAUX D'ECOULEMENT D'AIR D'EVACUATION

Publication

EP 1656061 B1 20111116 (DE)

Application

EP 04741398 A 20040810

Priority

- EP 2004008952 W 20040810
- DE 10336828 A 20030811

Abstract (en)

[origin: WO2005016106A1] The invention relates to a vacuum cleaner, comprising a housing (1) and an exhaust opening (36) for an exhaust flow, connected to a pressurised side of a motor/fan unit (27) by means of a flow channel (21) which has a branched embodiment to divide the exhaust flow into at least one first part channel (33) and a second part channel (61). According to the invention, a high noise reduction in the exhaust flow may be achieved with low complexity, whereby the first part channel (33) and the second part channel (61) are combined before the exhaust opening (36). An effective noise reduction is achieved, essentially without additional complex baffle devices.

IPC 8 full level

A47L 9/00 (2006.01)

CPC (source: EP)

A47L 9/0081 (2013.01)

Cited by

US10307029B2

Designated contracting state (EPC)

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

DOCDB simple family (publication)

WO 2005016106 A1 20050224; AT E533391 T1 20111215; CN 100475118 C 20090408; CN 1835706 A 20060920; DE 10336828 A1 20050310; DE 10336828 B4 20130418; EP 1656061 A1 20060517; EP 1656061 B1 20111116; ES 2374397 T3 20120216; RU 2006103276 A 20060727; RU 2330597 C2 20080810

DOCDB simple family (application)

EP 2004008952 W 20040810; AT 04741398 T 20040810; CN 200480023110 A 20040810; DE 10336828 A 20030811; EP 04741398 A 20040810; ES 04741398 T 20040810; RU 2006103276 A 20040810