

Title (en)

VACUUM CLEANER HAVING A BLOWER CAPSULE

Title (de)

STAUBSAUGER MIT EINER GEBL SEKAPSEL

Title (fr)

ASPIRATEUR COMPORTANT UN CAISSON DE SOUFFLANTE

Publication

**EP 1656062 B1 20160217 (DE)**

Application

**EP 04741401 A 20040810**

Priority

- EP 2004008961 W 20040810
- DE 10336827 A 20030811

Abstract (en)

[origin: WO2005016107A1] The invention relates to a vacuum cleaner comprising a housing (1) and an exhaust opening (36) that is fluidically connected to an overpressure side of a motor/blower unit (27), which is surrounded by an insulating capsule (71) and which is placed inside a blower housing (12), via a duct (21) that has a duct section (20, 28), which is arranged while extending between the insulating capsule (71) and the motor/blower housing (12). The aim of the invention is to obtain a fluidically optimized duct (21) between the insulating capsule (71) of the motor/blower unit (27) and of a housing part (12) with simple means whose production and assembly are cost-effective. To this end, the invention provides that at least one capsule part (14, 30) of the insulating capsule (71) is joined to a housing part, particularly of the blower housing (12), while forming a single piece. The largely prevents the formation of perturbing edges due to assembly gaps, and the vacuum cleaner can be cost-effectively produced and assembled with a reduced variety of parts.

IPC 8 full level

**A47L 9/00** (2006.01); **A47L 9/22** (2006.01)

CPC (source: EP US)

**A47L 9/0081** (2013.01 - EP US); **A47L 9/22** (2013.01 - EP US)

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 2005016107 A1 20050224**; CN 1835705 A 20060920; CN 1835705 B 20100609; DE 10336827 A1 20050310; EP 1656062 A1 20060517; EP 1656062 B1 20160217; RU 2006103279 A 20060710; RU 2319434 C2 20080320; US 2007234504 A1 20071011

DOCDB simple family (application)

**EP 2004008961 W 20040810**; CN 200480022959 A 20040810; DE 10336827 A 20030811; EP 04741401 A 20040810; RU 2006103279 A 20040810; US 56749604 A 20040810