

Title (en)

Motor assembly and vacuum cleaner having the same

Title (de)

Motoranordnung und Staubsauger mit derselben

Title (fr)

Ensemble moteur et aspirateur avec le même

Publication

**EP 1726244 A3 20071114 (EN)**

Application

**EP 06290763 A 20060511**

Priority

KR 20050040917 A 20050516

Abstract (en)

[origin: EP1726244A2] A motor assembly (100) includes: a suction motor (110); at least one inner casing (120) adapted to enclose at least a part of the suction motor (110); and at least one outer casing (130) configured to enclose at least a part of the at least one inner casing (120), wherein a diffusion passage (P1) is formed between the at least one inner casing (120) and the at least one outer casing (130) and has an average cross-section that gradually increases to allow air to diffuse therein.

IPC 8 full level

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

CPC (source: EP KR US)

**A47L 9/00** (2013.01 - KR); **A47L 9/0081** (2013.01 - EP US); **A47L 9/22** (2013.01 - EP KR US); **F04D 29/665** (2013.01 - EP US)

Citation (search report)

- [X] GB 2074648 A 19811104 - SHOP VAC CORP
- [X] DE 3402603 A1 19850801 - SCHOETTLE KG ELECTROSTAR [DE]
- [X] EP 0453163 A1 19911023 - HITACHI LTD [JP]
- [X] EP 1344482 A2 20030917 - MATSUSHITA ELECTRIC IND CO LTD [JP]
- [X] EP 0636336 A1 19950201 - SAMSUNG ELECTRONICS CO LTD [KR]

Cited by

CN106073627A; WO2015043617A1; WO2013139838A1

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 NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

**EP 1726244 A2 20061129; EP 1726244 A3 20071114**; AU 2006201907 A1 20061130; CN 1864615 A 20061122; KR 100676318 B1 20070130; KR 20060118293 A 20061123; RU 2006116447 A 20071210; RU 2327410 C2 20080627; US 2006254022 A1 20061116

DOCDB simple family (application)

**EP 06290763 A 20060511**; AU 2006201907 A 20060504; CN 200610080270 A 20060515; KR 20050040917 A 20050516; RU 2006116447 A 20060515; US 39143506 A 20060329