

Title (en)

Nozzle assembly for a vacuum cleaner and vacuum cleaner employing same

Title (de)

Saugdüseanordnung für einen Staubsauger und Staubsauger umfassend einer solchen Saugdüseanordnung

Title (fr)

Ensemble buse d'aspiration pour un aspirateur et aspirateur comportant un tel ensemble

Publication

EP 1767132 A2 20070328 (EN)

Application

EP 06290565 A 20060406

Priority

KR 20050089821 A 20050927

Abstract (en)

A nozzle assembly (1) for a vacuum cleaner (100) includes a nozzle body (10) having a suction pathway (11) in fluid communication with a cleaner body (110) of the vacuum cleaner (100), a nozzle having a suction port (21) in fluid communication with the suction pathway of the brush body, the nozzle being disposed to rotate at the brush body; and a sealing part (30) sealing between the suction pathway (11) and the suction port (21) for the nozzle to rotate with respect to the nozzle body. The sealing part forms a gap for outside air to enter the suction pathway of the nozzle body through as the nozzle rotates with respect to the nozzle body.

IPC 8 full level

A47L 9/02 (2006.01)

CPC (source: EP KR US)

A47L 9/00 (2013.01 - KR); **A47L 9/02** (2013.01 - EP US); **A47L 11/20** (2013.01 - KR); **A47L 11/202** (2013.01 - KR)

Citation (applicant)

- JP 2001224535 A 20010821 - MATSUSHITA ELECTRIC IND CO LTD
- JP 2003265373 A 20030924 - TOSHIBA TEC KK

Designated contracting state (EPC)

DE FR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1767132 A2 20070328; **EP 1767132 A3 20071212**; AU 2006201518 A1 20070419; AU 2006201518 B2 20080626; CN 1939201 A 20070404; JP 2007090037 A 20070412; KR 100667885 B1 20070116; RU 2006113422 A 20071127; RU 2323678 C2 20080510; US 2007067949 A1 20070329

DOCDB simple family (application)

EP 06290565 A 20060406; AU 2006201518 A 20060411; CN 200610073685 A 20060418; JP 2006050598 A 20060227; KR 20050089821 A 20050927; RU 2006113422 A 20060421; US 38680206 A 20060323