

Title (en)
VACUUM CLEANER

Title (de)
STAUBSAUGER

Title (fr)
ASPIRATEUR

Publication
EP 2064980 A4 20110615 (EN)

Application
EP 07740645 A 20070330

Priority
• JP 2007057209 W 20070330
• JP 2006229886 A 20060825

Abstract (en)
[origin: EP2064980A1] A vacuum cleaner includes an electric blower, a dust separation section for separating dust from air, a dust collecting section, a rotatably provided filtering separation section, a driving unit for driving the filtering separation section, and a dust removing unit 2100 for removing fine dust adhering to the filtering separation section. In the vacuum cleaner, there are provided a communication air-passage opening/closing valve K3 for opening or closing a communication air-passage communicating the dust separation section and the filtering separation section with each other, an outside-air introduction port 84F provided on a downstream side of the communication air-passage opening/ closing valve K3 and for discharging the removed fine dust to the outside by introducing outside air to an upstream side of the filtering separation section, and an outside-air opening/closing valve K6 for opening or closing the outside-air introduction port 84F, wherein, in a cleaning mode, the communication air-passage opening/ closing valve K3 is opened and the outside-air opening/closing valve K6 is closed, while in a dust removing mode, the communication air-passage opening/closing valve K3 is closed and the outside-air opening/ closing valve K6 is opened, and the communication air-passage opening/ closing valve K3 and the outside-air opening/closing valve K6 are opened or closed by the rotation of the filtering separation section.

IPC 8 full level
A47L 9/10 (2006.01); **A47L 9/12** (2006.01); **A47L 9/16** (2006.01); **A47L 9/20** (2006.01)

CPC (source: EP KR)
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Citation (search report)
• [A] JP H08294470 A 19961112 - MITSUBISHI ELECTRIC CORP, et al
• [A] EP 1629760 A2 20060301 - MATSUSHITA ELECTRIC IND CO LTD [JP]
• [A] JP 2004008377 A 20040115 - MATSUSHITA ELECTRIC IND CO LTD
• [AD] JP 2004358135 A 20041224 - TOSHIBA TEC KK
• See references of WO 2008023474A1

Designated contracting state (EPC)
DE GB

DOCDB simple family (publication)
EP 2064980 A1 20090603; **EP 2064980 A4 20110615**; **EP 2064980 B1 20130306**; CN 101505646 A 20090812; CN 101505646 B 20120104; JP 2008048994 A 20080306; JP 3990428 B1 20071010; KR 101012197 B1 20110208; KR 20090033492 A 20090403; RU 2386383 C1 20100420; WO 2008023474 A1 20080228

DOCDB simple family (application)
EP 07740645 A 20070330; CN 200780031575 A 20070330; JP 2006229886 A 20060825; JP 2007057209 W 20070330; KR 20097003717 A 20070330; RU 2009110762 A 20070330