

Title (en)
Vacuum cleaner

Title (de)
Staubsauger

Title (fr)
Aspirateur

Publication
EP 0845237 A1 19980603 (EN)

Application
EP 96119228 A 19961129

Priority
EP 96119228 A 19961129

Abstract (en)
A vacuum cleaner includes an optical dust sensor (3) for detecting a quantity of dust which sensor is provided at a predetermined position of a suction path (73) for sucking air by a suction force of the vacuum cleaner, an output signal is supplied to a display device (2) so that a display corresponding to the quantity of the sucked dust, which signal is output from the optical dust sensor and is varied in stageless condition corresponding to the quantity of the dust. <IMAGE>

IPC 1-7
A47L 9/28

IPC 8 full level
A47L 9/28 (2006.01)

CPC (source: EP)
A47L 9/2815 (2013.01); **A47L 9/2857** (2013.01); **A47L 9/2894** (2013.01)

Citation (applicant)
US 4601082 A 19860722 - KURZ GERHARD [DE]

Citation (search report)

- [XY] US 4680827 A 19870721 - HUMMEL KARL [DE]
- [YA] EP 0584743 A1 19940302 - YASHIMA DENKI KK [JP]
- [A] EP 0546620 A1 19930616 - KONINKL PHILIPS ELECTRONICS NV [NL]
- [A] PATENT ABSTRACTS OF JAPAN vol. 95, no. 010
- [A] PATENT ABSTRACTS OF JAPAN vol. 018, no. 476 (C - 1246) 6 September 1994 (1994-09-06)

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Designated contracting state (EPC)
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