

Title (en)
Hand-held vacuum cleaner with filter indicator

Title (de)
Handstaubsauger mit Filteranzeige

Title (fr)
Aspirateur à main avec indicateur pour filtre

Publication
EP 1452118 A2 20040901 (EN)

Application
EP 04004404 A 20040226

Priority
US 44998703 P 20030226

Abstract (en)
A hand-held portable vacuum cleaner (10a) having a filter indicator (36) that is coupled to an outlet housing (32) and in fluid communication with a portion of the outlet housing between a fan inlet and an intake. The filter indicator includes a pressure differential indicator that is configured to indicate a pressure differential between air in the portion of the outlet housing and atmospheric air pressure. The filter indicator is employed to indicate to the user of the hand-held vacuum that replacement and/or cleaning of the filter (34) is required. <IMAGE>

IPC 1-7
A47L 5/24; **A47L 9/19**

IPC 8 full level
A47L 5/14 (2006.01); **A47L 5/24** (2006.01); **A47L 7/04** (2006.01); **A47L 9/02** (2006.01); **A47L 9/19** (2006.01); **A47L 9/24** (2006.01)

CPC (source: EP)
A47L 5/14 (2013.01); **A47L 5/24** (2013.01); **A47L 7/04** (2013.01); **A47L 9/02** (2013.01); **A47L 9/19** (2013.01); **A47L 9/242** (2013.01)

Cited by
CN114052556A; RU2496402C2; CN114680729A; GB2440110A; CN105708391A; US8117712B2; WO2008009887A1

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AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

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