

Title (en)  
Bus controlled vacuum cleaner system

Title (de)  
Bus-gesteuertes Staubsaugersystem

Title (fr)  
Système aspirateur de poussières commandé par bus

Publication  
**EP 1894507 A1 20080305 (DE)**

Application  
**EP 06018371 A 20060901**

Priority  
EP 06018371 A 20060901

Abstract (en)  
The system has a push button (12) for controlling a dust collecting device and LEDs (16-22) for displaying of different functional conditions of the system, where the button and the LEDs are provided at a control-and display field (10). A suction hose (2) is connected with the dust collecting device. The control-and display field is connected with a control unit via a data cable by a bidirectional universal switch, such that a bidirectional data connection is established between the control and display field and the control unit. An independent claim is also included for a method for controlling and operating a vacuum cleaner system.

Abstract (de)  
Die Erfindung betrifft ein Bus ("bidirectionaluniversalswitch")-gesteuertes Staubsaugersystem mit einem multifunktionellen Bedien- und Anzeigefeld (10); das in Kommunikation mit der Steuereinheit des Staubsaugersystems ist, wodurch auf bidirektionelle Weise Funktions- und Anzeigedaten vom und zum Bedien- und Anzeigefeld (10) gesendet und empfangen werden. Ferner betrifft die Verbindung ein für ein Staubsaugersystem einzusetzendes Bedien- und Anzeigefeld sowie ein Verfahren zur Steuerung und Bedienen eines solchen Staubsaugersystems.

IPC 8 full level  
**A47L 5/38** (2006.01); **A47L 9/28** (2006.01); **A47L 9/32** (2006.01)

CPC (source: EP)  
**A47L 5/38** (2013.01); **A47L 9/2821** (2013.01); **A47L 9/2842** (2013.01); **A47L 9/2857** (2013.01); **A47L 9/2894** (2013.01); **A47L 9/327** (2013.01)

Citation (applicant)  
• US 4654924 A 19870407 - GETZ EDWARD H [US], et al  
• US 2004144633 A1 20040729 - GORDON EVAN A [US], et al  
• US 5274878 A 19940104 - RADABAUGH KURTIS R [US], et al  
• EP 1410751 A2 20040421 - TOSHIBA TEC KK [JP]  
• EP 1314389 A1 20030528 - WIEDEMANN THOMAS [AT]  
• US 5924164 A 19990720 - LINDSAY JR EDWARD W [US]  
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Citation (search report)  
• [X] US 4654924 A 19870407 - GETZ EDWARD H [US], et al  
• [X] US 2004144633 A1 20040729 - GORDON EVAN A [US], et al  
• [A] US 5274878 A 19940104 - RADABAUGH KURTIS R [US], et al  
• [DA] US 5924164 A 19990720 - LINDSAY JR EDWARD W [US]  
• [DA] EP 1314389 A1 20030528 - WIEDEMANN THOMAS [AT]  
• [A] US 5173646 A 19921222 - REID WILLIAM J [US]

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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 1894507 A1 20080305**; **EP 1894507 B1 20101006**; AT E483389 T1 20101015; DE 502006008025 D1 20101118; ES 2354082 T3 20110309

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**EP 06018371 A 20060901**; AT 06018371 T 20060901; DE 502006008025 T 20060901; ES 06018371 T 20060901