

Title (en)
A CONTROL METHOD FOR A VACUUM CLEANER

Title (de)
METHODE ZUR STEUERUNG EINES STAUBSAUGERS

Title (fr)
PROCEDE DE COMMANDE POUR UN ASPIRATEUR

Publication
EP 1343406 A1 20030917 (EN)

Application
EP 00990164 A 20001222

Priority
TR 0000067 W 20001222

Abstract (en)
[origin: WO02051297A1] A control method for a vacuum cleaner (1) including a control means (7) to perform control algorithms, a motor (6) to drive a fan (8) that provides suction, a dust sensor (2) placed on the dust passageway and including a light emitter (3) and a light receiver (4) to detect dust passing through the dust passageway, and indication means (5) to give an indication to the user when the dust sensor (2) is dirty. The voltage variations pattern is observed at the light receiver (4) output and a series of comparisons are made in order to decide whether the place is dusty or the dust sensor (2) is dirty.

IPC 1-7
A47L 9/28

IPC 8 full level
A47L 9/28 (2006.01)

CPC (source: EP)
A47L 9/2815 (2013.01); **A47L 9/2842** (2013.01); **A47L 9/2857** (2013.01)

Citation (search report)
See references of WO 02051297A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
WO 02051297 A1 20020704; AT E272353 T1 20040815; DE 60012800 D1 20040909; DE 60012800 T2 20050901; EP 1343406 A1 20030917; EP 1343406 B1 20040804; ES 2225296 T3 20050316; TR 200300969 T1 20051121

DOCDB simple family (application)
TR 0000067 W 20001222; AT 00990164 T 20001222; DE 60012800 T 20001222; EP 00990164 A 20001222; ES 00990164 T 20001222; TR 200300969 T 20001222