

Title (en)
QUIET VACUUM CLEANER

Title (de)
LEISER STAUBSAUGER

Title (fr)
ASPIRATEUR SILENCIEUX

Publication
EP 1937127 A4 20090603 (EN)

Application
EP 06803808 A 20060918

Priority
• US 2006036350 W 20060918
• US 24066005 A 20050930

Abstract (en)
[origin: WO2007040976A2] A light-weight, quiet vacuum cleaner assembly for a backpack vacuum cleaner includes an air inlet for communicating with a vacuum cleaner hose and a filter; a vacuum motor for drawing air through the vacuum cleaner hose, air inlet, and filter; a quiet exhaust assembly module in communication with the vacuum motor for expelling and quieting exhaust from the vacuum motor, and wherein the vacuum cleaner assembly weighs 2-12 lbs. and includes a flow rate (CFM) to noise (dbA) ratio (flow rate/noise) of at least 0.6.

IPC 8 full level
A47L 5/00 (2006.01)

CPC (source: EP US)
A47L 5/36 (2013.01 - EP US); **A47L 9/0081** (2013.01 - EP US)

Citation (search report)
• [X] US 5267371 A 19931207 - SOLER NORMAN V [CA], et al
• [XY] US 2005086762 A1 20050428 - PARIS KENNETH S [US]
• [Y] US 5293664 A 19940315 - LIM MOO S [KR], et al
• [A] GB 2117229 A 19831012 - SHARP KK
• See references of WO 2007040976A2

Designated contracting state (EPC)
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

DOCDB simple family (publication)
WO 2007040976 A2 20070412; WO 2007040976 A3 20070726; AT E505122 T1 20110415; CA 2623482 A1 20070412;
CA 2623482 C 20141118; DE 602006021332 D1 20110526; EP 1937127 A2 20080702; EP 1937127 A4 20090603; EP 1937127 B1 20110413;
US 2007174992 A1 20070802

DOCDB simple family (application)
US 2006036350 W 20060918; AT 06803808 T 20060918; CA 2623482 A 20060918; DE 602006021332 T 20060918; EP 06803808 A 20060918;
US 24066005 A 20050930