

Title (en)  
VACUUM CLEANER WITH FILTER CARRIER

Title (de)  
STAUBSAUGER MIT FILTERTRÄGER

Title (fr)  
ASPIRATEUR ÉQUIPÉ D'UN SUPPORT DE FILTRE

Publication  
**EP 2467048 B1 20160106 (DE)**

Application  
**EP 10742128 A 20100804**

Priority  
• DE 102009028571 A 20090817  
• EP 2010061329 W 20100804

Abstract (en)  
[origin: WO2011020699A1] The invention relates to a vacuum cleaner (10) having a dust chamber (11) and having a filter carrier (20) for holding a planar filter flange (30), wherein the filter carrier (20) is rotatably mounted on a first inner surface (12) of the dust chamber (11) by means of a rotary joint (21) with an axis of rotation (22), has at least one support point (23) for the support of the filter carrier (20) on at least one rest point (14) of the dust chamber (11), and has a filter flange plane (24) defined by the mounted planar filter flange (30), wherein the projection (25) of the support point (23) onto the filter flange plane (24) is at a supporting distance (27) from the projection (26) of the axis of rotation (22) onto the filter flange plane (24) and said supporting distance (27) is perpendicular to the projection (26) of the axis of rotation (22). The present invention makes it possible using simply-designed and cost-effective means to provide an improved vacuum cleaner with filter carrier. In particular, by means of the invention, it is possible to provide a vacuum cleaner having a filter carrier which is captively retained by virtue of being rotatably mounted and which can be stably supported. Furthermore, damage as a result of an introduction of high forces can be avoided.

IPC 8 full level  
**A47L 9/14** (2006.01)

CPC (source: EP)  
**A47L 9/1436** (2013.01)

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)  
**WO 2011020699 A1 20110224**; DE 102009028571 A1 20110407; EP 2467048 A1 20120627; EP 2467048 B1 20160106;  
RU 2012108040 A 20130927; RU 2523987 C2 20140727

DOCDB simple family (application)  
**EP 2010061329 W 20100804**; DE 102009028571 A 20090817; EP 10742128 A 20100804; RU 2012108040 A 20100804