

Title (en)
SUCTION CLEANER WITH A CONNECTING PIECE

Title (de)
STAUBSAUGER MIT STUTZEN

Title (fr)
ASPIRATEUR AVEC TUBULURE

Publication
EP 2459046 A1 20120606 (DE)

Application
EP 10734489 A 20100719

Priority
• DE 102009035604 A 20090731
• EP 2010060386 W 20100719

Abstract (en)
[origin: WO2011012482A1] A suction cleaner (10) with a suction cleaner housing (11) and a connecting piece (20) for releasably connecting a suction air guide (12) to the suction cleaner housing (11), wherein the connecting piece (20) has a connecting-piece axis (21); and the connecting piece (20) has an engagement point (22) and the suction cleaner housing (11) has a tapping-off point (13), wherein the engagement point (22) and tapping-off point (13) are arranged with respect to each other in such a manner that, in an operating position of the connecting piece (20), a transverse force which acts on the connecting piece (20) at an angle to the connecting-piece axis (21) can be transmitted. This enables a stable connection between the suction air guide (12) and the suction cleaner (10) via the connecting piece with simple structural and cost-effective means. In particular, the connecting piece (20) can be prevented from becoming detached from the suction cleaner (10) even when a high force is applied to the suction cleaner (10) via the suction air guide (12), for example if the suction cleaner is unfavourably handled. Furthermore, the sealing between the suction air guide (12) and the suction cleaner (10) can be improved.

IPC 8 full level
A47L 9/24 (2006.01)

CPC (source: EP)
A47L 9/242 (2013.01)

Citation (search report)
See references of WO 2011012482A1

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 2011012482 A1 20110203; DE 102009035604 A1 20110210; EP 2459046 A1 20120606; EP 2459046 B1 20170419

DOCDB simple family (application)
EP 2010060386 W 20100719; DE 102009035604 A 20090731; EP 10734489 A 20100719