

Title (en)

ELECTRIC VACUUM CLEANER SUCTION TOOL AND ELECTRIC VACUUM CLEANER EQUIPPED WITH SAME

Title (de)

SAUGINSTRUMENT FÜR EINEN ELEKTRISCHEN STAUBSAUGER UND DAMIT AUSGESTATTETER ELEKTRISCHER STAUBSAUGER

Title (fr)

OUTIL D'ASPIRATION D'ASPIRATEUR ÉLECTRIQUE ET ASPIRATEUR ÉLECTRIQUE ÉQUIPÉ DE CE DERNIER

Publication

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Application

EP 13860612 A 20131127

Priority

- JP 2012267130 A 20121206
- JP 2013006967 W 20131127

Abstract (en)

[origin: EP2929821A1] Vacuum-cleaner suction tool (100) has suction-tool body (1), joint tube section (2), and wheel section (3). Joint tube section (2) has first tube (7) whose one end is connected to suction-tool body (1), and second tube (8). Wheel section (3) has wheels (10) and wheel supporter (11) for supporting wheels (10). Wheel supporter (11) is attached on the lower side of second tube (8). The fixing axis of wheel supporter (11) with respect to second tube (8) has a downward inclination on the front side along the front-to-back direction of joint-tube section (2). Further, fixing axis angle θ_0 formed between the fixing axis and a surface to be cleaned is defined as an acute angle. Vacuum-cleaner suction tool (100) having the structure above further enhances operability of a vacuum cleaner.

IPC 8 full level

A47L 9/02 (2006.01)

CPC (source: EP)

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Citation (search report)

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Cited by

WO2019170442A1; EP3536209A1; KR20200119882A; RU2761531C1; US11019968B2

Designated contracting state (EPC)

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