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(54) **IMPROVEMENTS IN AND RELATING TO A HAND HELD DEVICE COMPRISING A BRUSH**

(57) A hand held device comprising an elongate body, the elongate body comprising, at one end thereof, a brush comprising a plurality of bristles in a pre-defined arrangement; the elongate body comprising an internal cavity defining a storage compartment adapted to hold a drying agent, such as a natural drying agent or drying agent that is artificially engineered, (optionally comprising a granular material, powder, talc, or other particulate

material) means for releasing the drying agent from the storage compartment and for delivery to the bristles of the brush such that the drying agent can be delivered from the storage compartment to the bristles for dispensing from the bristles for use in removing sand, dirt and other foreign substances from humans, pets and apparatus.

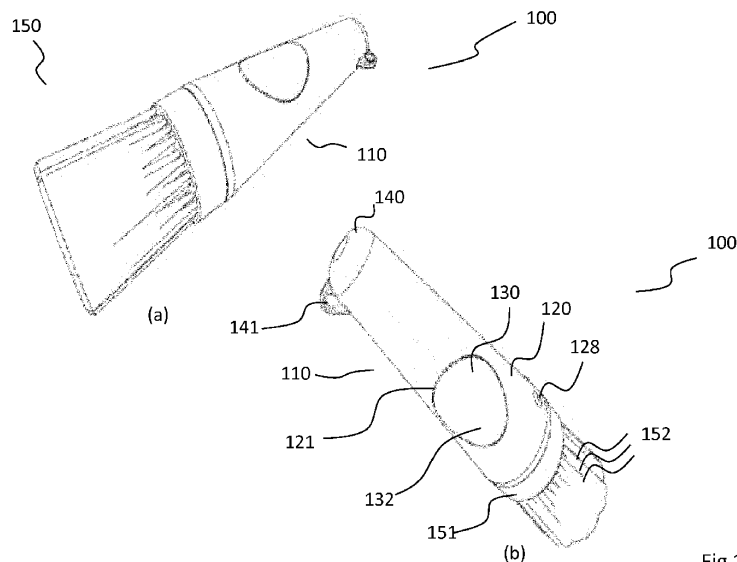


Fig 1



EUROPEAN SEARCH REPORT

 Application Number
 EP 17 19 0492

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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	US 2011/146013 A1 (YUN JAE-SOOR [KR]) 23 June 2011 (2011-06-23) * paragraphs [0038] - [0040]; figures 1-6 *	1-14	INV. A46B11/00 A46B5/02 A46B5/00
X	US 4 248 543 A (CARRINGTON JOHN H ET AL) 3 February 1981 (1981-02-03) * column 2, line 34 - column 5, line 25; figures 1-4 *	1-14	
X	US 2017/049297 A1 (DHILLON RASHPAL [GB]) 23 February 2017 (2017-02-23) * paragraphs [0012] - [0050]; figures 1-12 *	1-14	
X	US 1 030 440 A (WATERMAN RICHARD BURTON [US]) 25 June 1912 (1912-06-25) * pages 1-2; figures 1,2 *	1-14	
X	US 5 222 822 A (HERNANDEZ JAVIER [CO]) 29 June 1993 (1993-06-29) * columns 4-7; figures 1-4 *	1-14	TECHNICAL FIELDS SEARCHED (IPC) A46B
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 5 October 2018	Examiner Horrix, Doerte
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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CLAIMS INCURRING FEES

The present European patent application comprised at the time of filing claims for which payment was due.

☐ Only part of the claims have been paid within the prescribed time limit. The present European search report has been drawn up for those claims for which no payment was due and for those claims for which claims fees have been paid, namely claim(s):

☐ No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for those claims for which no payment was due.

LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

see sheet B

☐ All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.

☐ As all searchable claims could be searched without effort justifying an additional fee, the Search Division did not invite payment of any additional fee.

☐ Only part of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the inventions in respect of which search fees have been paid, namely claims:

☒ None of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims, namely claims:

2-14(completely); 1(partially)

☐ The present supplementary European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims (Rule 164 (1) EPC).



LACK OF UNITY OF INVENTION
SHEET B

Application Number

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The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

1. claims: 2-14(completely); 1(partially)

A brush comprising bristles and a storage compartment, wherein the brush head is configured to be in fluid communication with the storage compartment.
The fluid communication has the effect of connecting the brush head with the reservoir and thus solves the problem of being able to deliver an agent to the bristles.

2. claims: 15(completely); 1(partially)

A brush comprising bristles and a storage compartment, wherein the brush head comprises slots which extend partially into the base.
These slots have the effect of holding the bristles in place and thus solve the problem of allowing different bristle arrangements.

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

05-10-2018

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For more details about this annex : see Official Journal of the European Patent Office, No. 12/82