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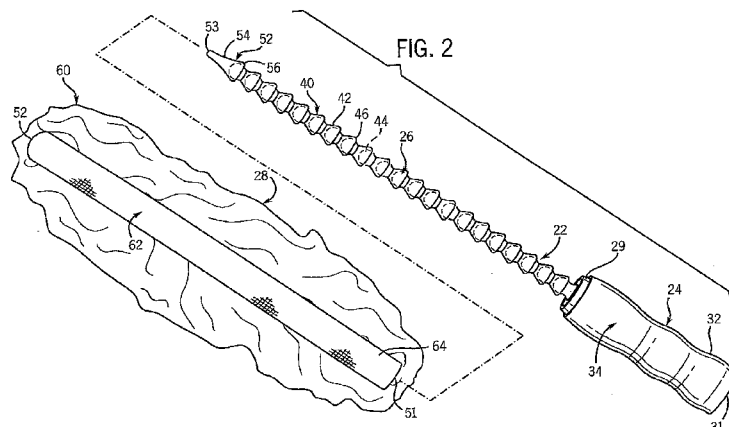
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(54) **Flexible cleaning tool with replaceable non-woven pad and cleaning fluid reservoir**

(57) A cleaning device (20) comprising: a handle portion (24); a cleaning pad support (26) attached to the

handle portion (24); and a retaining means for retaining the cleaning pad support (26) in a desired shape.





EUROPEAN SEARCH REPORT

Application Number
EP 11 19 3700

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 1 466 723 A (RIICHIRO IZAWA) 4 September 1923 (1923-09-04) * figures *	1-3	INV. A47L13/26 A47L13/38
X	----- US 6 230 356 B1 (HYO-MOON PARK [KR]) 15 May 2001 (2001-05-15) * figures *	1-3	
X	----- US 4 683 875 A (RABINOWITZ LEWIS [US]) 4 August 1987 (1987-08-04) * the whole document *	1,3,4	
X	----- US 6 240 592 B1 (LI BERNARD A [US]) 5 June 2001 (2001-06-05) * column 2, line 6 - line 45; figures *	1,5,8	
A	----- US 2 062 065 A (MILEY MARY M) 24 November 1936 (1936-11-24) * column 2, line 26 - line 38; figures *	1,2	
A	----- US 2 604 651 A (CRIPPEN GEORGE B) 29 July 1952 (1952-07-29) * the whole document *	1	TECHNICAL FIELDS SEARCHED (IPC)
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A,D	----- US R E36 883 E (KRENZEL RONALD L [US]) 26 September 2000 (2000-09-26) * figures *	3,4	

The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 25 January 2012	Examiner Masset, Markus
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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EPO FORM 1503 03.82 (P04C01)



Application Number

EP 11 19 3700

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:

1-6, 8

☐ 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
EP 11 19 3700

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: 1-6, 8

A cleaning device having a retaining means

1.1. claims: 1, 2(completely); 8(partially)

A cleaning device having a plate

1.2. claims: 1, 3, 4(completely); 8(partially)

A cleaning device having interconnected segments

1.3. claims: 1, 5, 6(completely); 8(partially)

A cleaning device having a wire

2. claims: 1, 7, 9, 10

A cleaning device having a cradle

3. claims: 1, 11

A cleaning device having attachment members

4. claims: 1, 12, 13

A cleaning device having a pivotable handle

Please note that all inventions mentioned under item 1, although not necessarily linked by a common inventive concept, could be searched without effort justifying an additional fee.

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

EP 11 19 3700

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.

25-01-2012

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