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(54) **CLEANING BRUSH**

(57) A cleaning brush includes a rigid bottom base wall portion, side wall portions extending from opposite sides of the bottom base wall portion, a first rigid top wall portion extending from an upper end of one side wall portion, and a second rigid top wall portion extending from an upper end of the other side wall portion. A slot is provided between facing ends of the top wall portions

which extends between first and second ends of the cleaning brush. A first set of first bristles extends from the bottom base wall portion, and second and third sets of bristles extend from the top wall portions. Free ends of the bristles may touch each other, be spaced from each other, or may extend past each other.

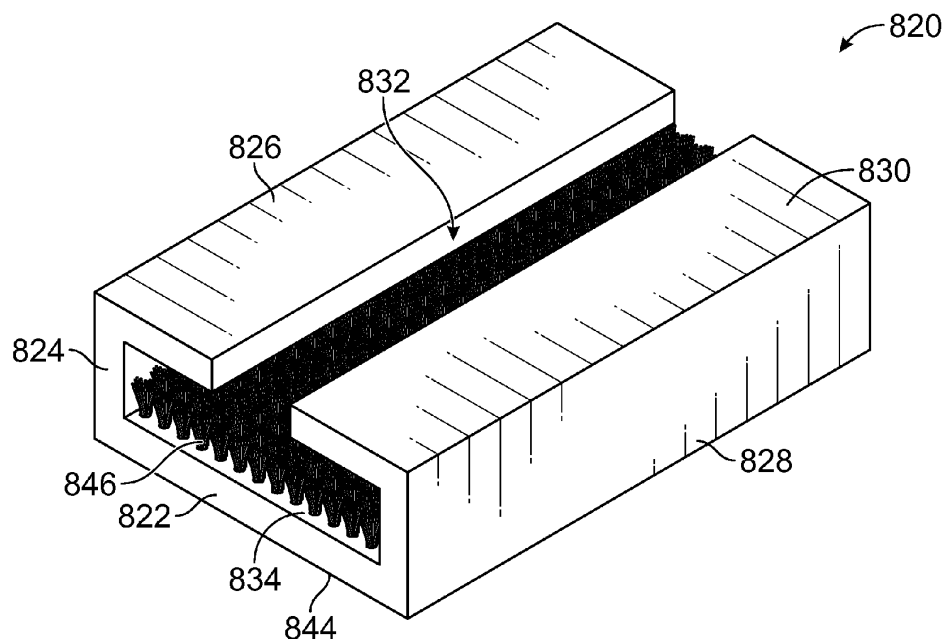


FIG. 14

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EUROPEAN SEARCH REPORT

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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	WO 95/24175 A1 (NORIN MONA [SE]) 14 September 1995 (1995-09-14)	1-6,8-13	INV. A46B9/02
A	* figures 1-2 * * page 2, lines 21-22 * * page 4, line 30 - page 5, line 1 * * page 5, lines 18-21 *	7	
X	WO 98/49919 A1 (BRUCE CRAIG [US]) 12 November 1998 (1998-11-12)	1,3-13	
A	* figures 1-3 * * column 2, lines 63-66 *		
A	US 2 898 620 A (DICKINSON EDWARD D) 11 August 1959 (1959-08-11)	1-13	
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A	US 5 094 557 A (NELSON PETER K [US] ET AL) 10 March 1992 (1992-03-10)	1-13	
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The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (IPC)
			A46B
Place of search		Date of completion of the search	Examiner
The Hague		13 January 2025	Rossini, Marco
CATEGORY OF CITED DOCUMENTS		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	
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			



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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:

1 - 13

☐ 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: 1-13**Cleaning brush with rigid side wall portions**

2. claims: 14, 15**Cleaning brush having intersecting first and second end
bristles**

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