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146
NL-2596 HG Den Haag(NL)(54) **Broom suitable for mounting to a sweeping machine.**

(57) Broom (1,19) provided with means for mounting it to a power-driven shaft (7) of a sweeping machine, said broom comprising bundles (12) of bristles (13), each of said bundles (12), at the end opposite to the free active ends of said bristles (13), being provided with a connecting element (15) to connect the bundle (12) to a holding member (2,20). Said holding member can be in the shape of a truncated cone (3) or a helically shaped plate (22) mounted to a shaft (21). Said holding member (2,20) at the position of a bundle running substantially rectilinear and being provided with a number of distanced holes (10) for receiving a bolt (11) by which a bundle (12) is connected to said holding member (2,20).

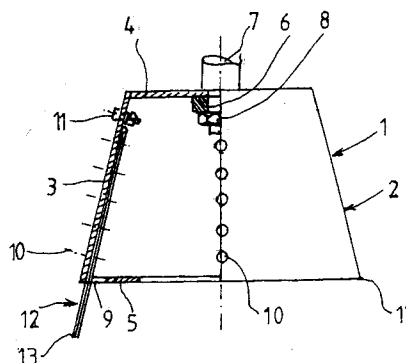


FIG. 1

EP 0 439 851 A3



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EUROPEAN SEARCH REPORT

Application Number

EP 90 20 3368

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
A,D	US-A-3 029 456 (PHARO) * Column 2, line 5 - column 4, line 34; figures 1-8 * ---	1	A 46 B 3/14 A 46 D 1/08
A	US-A-3 010 132 (JONES) * Claims 1,2; figures 1-5 * ---	1	
A	FR-A-2 305 247 (BUTTERWORTH SYSTEMS INC.) * Page 1, line 11 - page 2, line 13; figure 1 * ---	1	
A	GB-A-2 052 963 (WEBB JARRATT & CO.) * Abstract; figures 1-3 * ---	5	
A	NL-A-7 803 278 (JACOBUS PAK) * Page 3, line 30 - page 4, line 25; figures 3,4 * -----	5	
			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			A 46 B
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 31-04-1991	Examiner ERNST R.T.
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			



CLAIMS INCURRING FEES

The present European patent application comprised at the time of filing more than ten claims.

- ☐ All claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for all claims.
- ☐ Only part of the claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims and for those claims for which claims fees have been paid,
namely claims:
- ☐ No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims.

LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirement 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.
- ☐ 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 has 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: 1-5



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EP 90 20 3368 -B-

LACK OF UNITY OF INVENTION

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

namely:

1. Claims 1-5: Broom with adjustable bristles, bundles, and support elements.
2. Claim 6: Bundle of bristles characterised by
3. Claim 7: Method of making a bundle of bristles.