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(54) **Cleaning implement**

(57) The invention concerns a cleaning implement (10), which comprises a mop body (11), to which is articulated an arm (12), with which the mop body (11) can be moved when cleaning. The mop body (11) comprises a rocking body (14), which is articulated to it and which is articulated to turn around a geometric axis (X_1). The rocking body (14) comprises a first rocking body-half (A_1) and attaching means (16a₁, 16a₂). The rocking body (14) also comprises a second rocking body-half (A_2) and attaching means (17a₁, 17a₂), whereby the rocking body

(14) can be placed in such a position, where a gap (K) is formed in between the rocking body (14) and the mop body (11), into which gap the cleaning device (M) can be placed. The rocking body (14) can be turned to an end position, in which the gap (K) is either closed or open. The attaching means (16a₁, 16a₂) bring about the gap's (K) open position and the second attaching means (17a₁, 17a₂) bring about the gap's (K) closed position, in which the rocking body (14) with its body-half (A_2) will press the cleaning device (M) against the mop body (11).

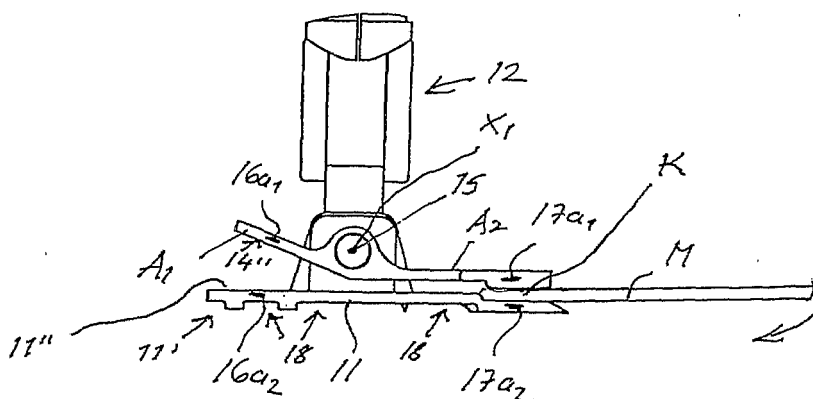


FIG 5



EUROPEAN SEARCH REPORT

Application Number
EP 09 17 6633

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 2007/056100 A1 (3M INNOVATIVE PROPERTIES CO [US]) 18 May 2007 (2007-05-18) * abstract * * paragraphs [0009], [0012] * * paragraph [0044] - paragraph [0050] * * paragraph [0058] - paragraph [0064] * * figures 2a-4b *	1-5,9, 11-13	INV. A47L13/256 A47L13/44
X	EP 0 287 533 A2 (NERI ALESSANDRO) 19 October 1988 (1988-10-19) * the whole document *	1-5,12, 13	
X	DE 42 41 596 A1 (FRIEB EDUARD GMBH [AT]) 19 August 1993 (1993-08-19) * the whole document *	1,4,5,13	
A		2,9,11, 12	
			TECHNICAL FIELDS SEARCHED (IPC)
			A47L
The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 22 June 2012	Examiner Baumgärtner, Ruth
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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EPO FORM 1503 03.82 (P04C01)

**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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22-06-2012

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 2007056100 A1	18-05-2007	EP 1959813 A1 US 2007107153 A1 WO 2007056100 A1	27-08-2008 17-05-2007 18-05-2007
EP 0287533 A2	19-10-1988	NONE	
DE 4241596 A1	19-08-1993	AT 401719 B DE 4241596 A1	25-11-1996 19-08-1993