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(54) DUSTPAN

(57) The invention is a dustpan (P) for collecting dirt or dust, comprising a flat portion (P1) and a connection device (1) for connecting a handle (M), in turn comprising a sleeve (3) suited to carry a handle (M), a fixed seat (2) provided with connection means (291, 292) suited to directly or indirectly connect said fixed seat (2) to said flat portion (P1) of said dustpan (P) in a removable or non-removable manner, and wherein said sleeve (3) is hinged to said fixed seat (2) and can rotate with respect to said fixed seat (2) between an operating position (A) and a non-operating or folded position (C), and vice versa.

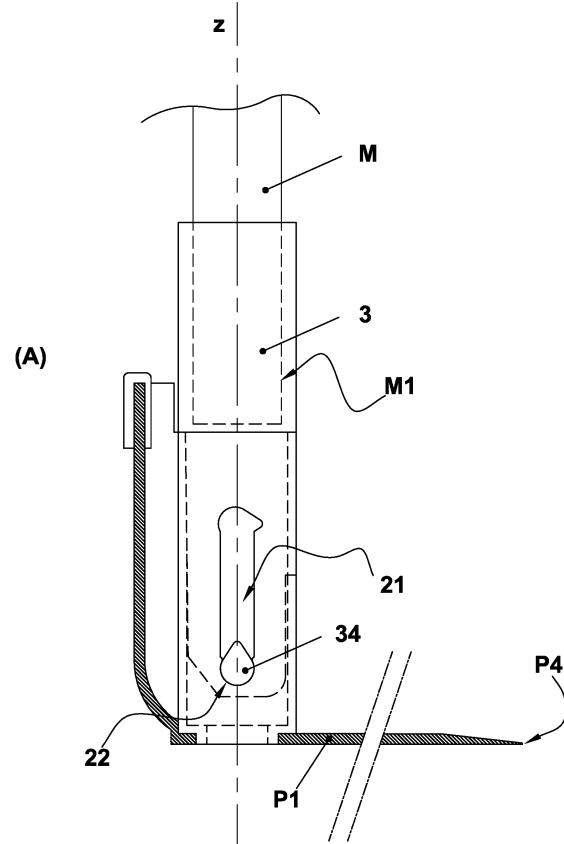


Fig. 4a



EUROPEAN SEARCH REPORT

Application Number

EP 15 18 9097

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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)
10	X US 5 473 790 A (DESMARAIS ROGER [CA]) 12 December 1995 (1995-12-12) * column 1, line 35 - column 3, line 42; figures 1-3 *	1	INV. A47L13/52 B25G1/06 A47L13/51
15	X JP H06 52759 U (FUKUI, TOYOAKI) 19 July 1994 (1994-07-19) * paragraphs [0007] - [0014]; figures *	1	
20	X DE 20 2014 100970 U1 (HULLER JOACHIM [DE]) 26 March 2014 (2014-03-26) * paragraphs [0036] - [0060]; figures *	1	
25	X CN 202 537 446 U (JUNSHOU GENG) 21 November 2012 (2012-11-21) * paragraphs [0017] - [0020]; figures *	1	
30	X US 2012/042901 A1 (BAR-NOY HAIM [US] ET AL) 23 February 2012 (2012-02-23) * paragraphs [0024], [0025], [0037] - [0051]; figures 1-9 *	1	
35	X EP 0 865 757 A1 (NICOLUSSI ROSSI TULLIO [IT]) 23 September 1998 (1998-09-23) * column 3; figures *	1	A47L B25G
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45			
50	1 The present search report has been drawn up for all claims		
55	Place of search Munich	Date of completion of the search 28 January 2016	Examiner Lopez Vega, Javier
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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EP 15 18 9097

5

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:

1-5

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 15 18 9097

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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:

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1. claims: 1-5

Dustpan with improved engagement of the seat

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2. claims: 6, 7

Dustpan with improved rotation pins

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3. claims: 8-10

Dustpan with slotted holes

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

EP 15 18 9097

5 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.

28-01-2016

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