



(19) Europäisches Patentamt  
European Patent Office  
Office européen des brevets



(11)

EP 1 252 837 A3

(12)

## EUROPEAN PATENT APPLICATION

(88) Date of publication A3:  
15.10.2003 Bulletin 2003/42

(51) Int Cl.<sup>7</sup>: A46B 17/08, A47L 13/52,  
A46B 17/02

(43) Date of publication A2:  
30.10.2002 Bulletin 2002/44

(21) Application number: 02009057.7

(22) Date of filing: 23.04.2002

(84) Designated Contracting States:  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU  
MC NL PT SE TR

Designated Extension States:  
AL LT LV MK RO SI

(30) Priority: 27.04.2001 US 845014

(71) Applicant: Dart Industries Inc.  
Orlando, Florida 32837 (US)

(72) Inventor: Kortleven, Hanno  
9308 Hofstade (BE)

(74) Representative: Howden, Christopher Andrew  
FORRESTER & BOEHMERT  
Pettenkoferstrasse 20-22  
80336 München (DE)

### (54) Self-supporting dustpan and broom

(57) A self-supporting dustpan and broom combination. The dustpan includes a scoop portion and a handle. The broom includes a head having a front end and an opposed handle. The broom may be releasably secured to the dustpan in a storage position. In this storage po-

sition the broom head is spaced from the scoop portion, and the front end is positioned such that said dustpan and broom combination is self-supported by said lip and said front end upon the floor. This reduces storage space requirements, and positions the handles at a convenient location.

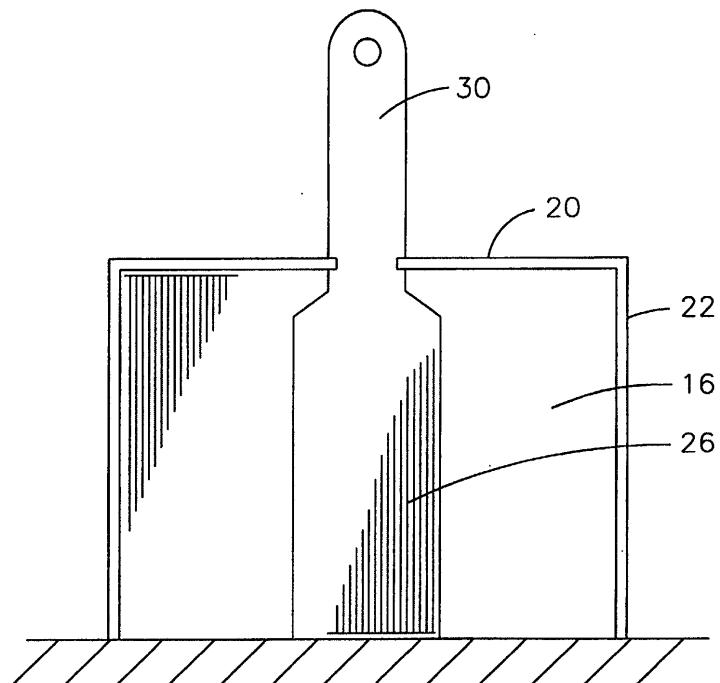


FIG. 3



European Patent  
Office

## EUROPEAN SEARCH REPORT

Application Number  
EP 02 00 9057

DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (Int.Cl.7)						
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim							
A	CH 365 188 A (MANHEIT RICHARD) 31 October 1962 (1962-10-31) * the whole document *	1-4	A46B17/08 A47L13/52 A46B17/02						
A	US 3 382 523 A (LEROY PARSISSON FRANCIS) 14 May 1968 (1968-05-14) * the whole document *	1-4							
A	US 5 425 153 A (VOSBIKIAN PETER S) 20 June 1995 (1995-06-20) * the whole document *	1-4							
A	EP 0 913 118 A (LEIFHEIT AG) 6 May 1999 (1999-05-06) * the whole document *	1-4							
A	GB 1 021 750 A (LLOYD RESSLER; JUDGE INTERNAT LTD) 9 March 1966 (1966-03-09) * the whole document *	1-4							
	-----								
			TECHNICAL FIELDS SEARCHED (Int.Cl.7)						
			A47L A46B						
<p>The present search report has been drawn up for all claims</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%;">Place of search</td> <td style="width: 33%;">Date of completion of the search</td> <td style="width: 34%;">Examiner</td> </tr> <tr> <td>THE HAGUE</td> <td>20 August 2003</td> <td>Neiller, F</td> </tr> </table> <p>CATEGORY OF CITED DOCUMENTS</p> <p>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</p> <p>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 ..... &amp; : member of the same patent family, corresponding document</p>				Place of search	Date of completion of the search	Examiner	THE HAGUE	20 August 2003	Neiller, F
Place of search	Date of completion of the search	Examiner							
THE HAGUE	20 August 2003	Neiller, F							

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

EP 02 00 9057

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.

20-08-2003

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
CH 365188	A	31-10-1962	NONE			
US 3382523	A	14-05-1968	NONE			
US 5425153	A	20-06-1995	US US	5367737 A 5412835 A	29-11-1994 09-05-1995	
EP 0913118	A	06-05-1999	DE EP	19748176 A1 0913118 A1	06-05-1999 06-05-1999	
GB 1021750	A	09-03-1966	NONE			