



Europäisches Patentamt
European Patent Office
Office européen des brevets



(11) **EP 1 378 374 A3**

(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
14.01.2004 Bulletin 2004/03

(51) Int Cl.7: **B42D 5/00**

(43) Date of publication A2:
07.01.2004 Bulletin 2004/02

(21) Application number: **03018661.3**

(22) Date of filing: **21.03.1994**

(84) Designated Contracting States:
DE GB

(30) Priority: **18.05.1993 US 64403**
18.05.1993 US 63519

(62) Document number(s) of the earlier application(s) in
accordance with Art. 76 EPC:
99123228.1 / 1 044 825
94914720.1 / 0 746 223

(71) Applicant: **MINNESOTA MINING AND
MANUFACTURING COMPANY**
St. Paul, Minnesota 55133-3427 (US)

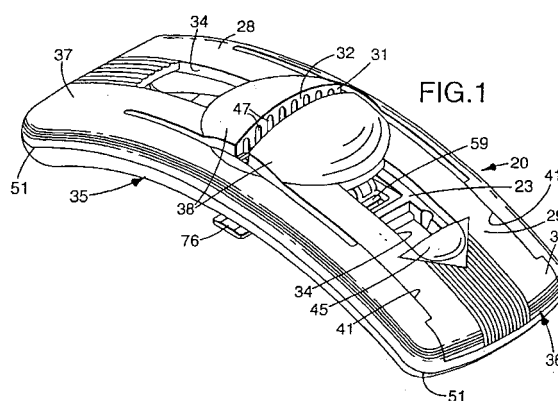
(72) Inventors:
• **Carlson, Casey L.**
Saint Paul, Minnesota 55133-3427 (US)

• **Connolly, Thomas L.**
Saint Paul, Minnesota 55133-3427 (US)
• **Blackwell, Elmer**
Saint Paul, Minnesota 55133-3427 (US)
• **Samuelson, Bruce E.**
Saint Paul, Minnesota 55133-3427 (US)
• **Mueller, Gerald E.**
Saint Paul, Minnesota 55133-3427 (US)

(74) Representative:
Hilleringmann, Jochen, Dipl.-Ing. et al
Patentanwälte
von Kreisler-Selting-Werner,
Bahnhofsvorplatz 1 (Deichmannhaus)
50667 Köln (DE)

(54) **Sheet dispenser with optional support or attachment means**

(57) A dispenser (20) for flexible sheets (11) from a stack (10) of adhesive coated sheets disposed one on top of another. The dispenser (20) comprises a first housing portion (35) including a bottom wall (23), end walls (26), side walls (33) and a first top wall portion (28); and a second housing portion (36) comprising a second top wall portion (29) mounted on the first housing portion (35) for movement between a normal position where the top wall portions (28 and 29) define an outlet opening for the sheets (11) between adjacent ends, and an open position with the second top wall portion (29) spaced from the first top wall portion (28) to afford inserting a stack (10) of sheets (11) into the cavity (22). The dispenser (20) includes attaching means adapted for releasably attaching the dispenser to several retaining means including a strap (54) by which the dispenser (20) can be secured on a user's hand or wrist; a support member (61) adapted to be held between user's fingers; a weighted base (78); or a base (80) adapted to be attached to a surface by various means such as adhesive, suction cups or magnetic material.



EP 1 378 374 A3



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 03 01 8661

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.7)
A,D	US 5 086 946 A (SAMUELSON BRUCE E ET AL) 11 February 1992 (1992-02-11) * the whole document *	1,4	B42D5/00

A	US 5 080 254 A (FEER DAVID L) 14 January 1992 (1992-01-14) * column 2, line 65 - column 6, line 37; figures 1-6 *	1,4	

A	US 2 908 519 A (HOLDEN ORLOFF W) 13 October 1959 (1959-10-13) * the whole document *	3,4	

A	US 2 356 722 A (HARRIS CARL C) 22 August 1944 (1944-08-22) * the whole document *	4	

A	US 4 401 233 A (FREY JOSEPH V) 30 August 1983 (1983-08-30) * the whole document *	4	

			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			B42D
The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
THE HAGUE		20 November 2003	Evans, A
<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</p> <p>& : member of the same patent family, corresponding document</p>			

EPO FORM 1503 03.82 (P04C01)

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

EP 03 01 8661

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.

20-11-2003

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 5086946 A	11-02-1992	AU 672546 B2	03-10-1996
		AU 1220995 A	13-04-1995
		AU 668501 B2	09-05-1996
		AU 9054391 A	08-07-1992
		BR 9107222 A	16-11-1993
		CA 2097289 A1	11-06-1992
		DE 69114019 D1	23-11-1995
		DE 69129420 D1	18-06-1998
		DE 69129420 T2	19-11-1998
		EP 0561873 A1	29-09-1993
		EP 0663303 A2	19-07-1995
		ES 2078725 T3	16-12-1995
		ES 2116006 T3	01-07-1998
		JP 6503544 T	21-04-1994
		KR 186047 B1	01-05-1999
		MX 9102392 A1	01-06-1992
		WO 9210370 A1	25-06-1992
		US 5401547 A	28-03-1995
		US 5607737 A	04-03-1997
		ZA 9108939 A	26-08-1992
US 5080254 A	14-01-1992	AU 6233690 A	15-08-1991
		BE 1004065 A3	15-09-1992
		BR 9005003 A	19-11-1991
		CA 2023266 A1	10-08-1991
		CH 683421 A5	15-03-1994
		DE 4038234 A1	14-08-1991
		DK 19491 A	10-08-1991
		ES 2026383 A6	16-04-1992
		FR 2658175 A1	16-08-1991
		GB 2240767 A ,B	14-08-1991
		IE 903396 A1	14-08-1991
		IT 1244702 B	08-08-1994
		JP 3240598 A	25-10-1991
		LU 87833 A1	07-05-1991
		NL 9002293 A	02-09-1991
		NO 910508 A	12-08-1991
		PT 96689 A	30-11-1992
		SE 9002868 A	10-08-1991
US 2908519 A	13-10-1959	NONE	
US 2356722 A	22-08-1944	NONE	
US 4401233 A	30-08-1983	NONE	

EPO FORM P0459

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