



(12) EUROPEAN PATENT APPLICATION

(88) Date of publication A3:
21.10.1998 Bulletin 1998/43

(51) Int Cl. 6: B05C 17/03, B05C 17/035

(43) Date of publication A2:
25.03.1998 Bulletin 1998/13

(21) Application number: 97306741.6

(22) Date of filing: 02.09.1997

(84) Designated Contracting States:
AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC
NL PT SE
Designated Extension States:
AL LT LV RO SI

(72) Inventor: Mouteney, Nicholas Ian
Huntingdon, Cambridgeshire PE18 7YZ (GB)

(74) Representative: Stagg, Diana Christine et al
Emhart Patents Department
Emhart International Ltd.
177 Walsall Road
Birmingham B42 1BP (GB)

(30) Priority: 07.09.1996 GB 9618721

(71) Applicant: Black & Decker Inc.
Newark Delaware 19711 (US)

(54) Paint system applicator

(57) A paint applicator (80) comprises a body (82,82'), and a roller (84), journaled in the body for rotation about a longitudinal axis of the roller, the roller having an external application surface (272). The body has a paint supply input (250). A cover (87,87') is mounted in the body in communication with said input, the cover

having a wall whose lips (254) are adapted to abut the roller application surface around at least a part thereof to define a plenum (256) between said wall and surface bounded by said lips. The cover is movable in said body in a radial direction with respect to the roller and is resiliently biased against the roller by leaf springs (258).

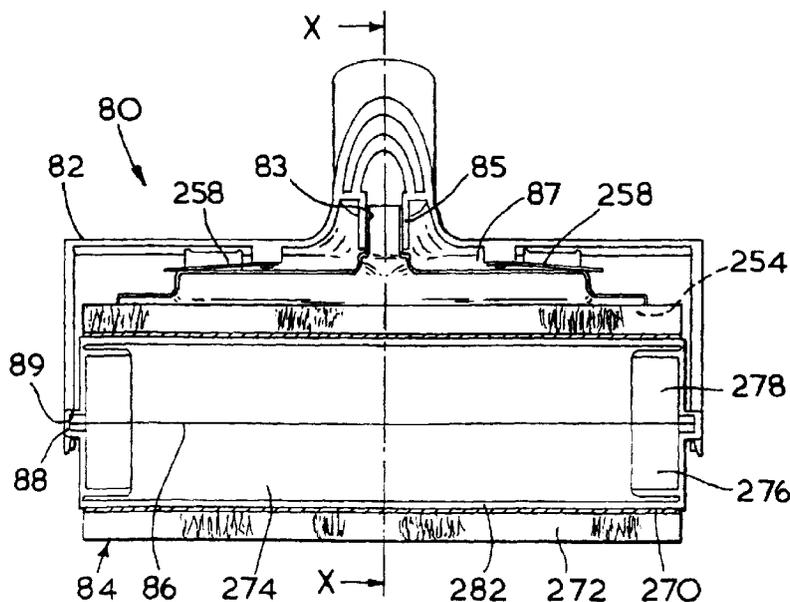


FIG. 5



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 97 30 6741

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.6)
X	US 4 981 384 A (KANOU KINYA) 1 January 1991 * column 6, line 35 - line 61; figures 10,11 *	1	B05C17/03 B05C17/035
A	US 4 222 678 A (MILLER DONALD W) 16 September 1980 * column 3, line 67 - column 4, line 25; figures *	2,3	
A	US 2 898 618 A (W. A. WHITFIELD ET AL) 11 August 1959 * column 2, line 25 - line 47; figures *	1	
A	US 3 193 868 A (I. B. CASSIDY) 13 July 1965 * column 2, line 43 - line 54; figures *	1	
A	US 2 654 107 A (O. P. MAGOON) 6 October 1953 * column 2, line 19 - line 37 * * column 3, line 40 - column 4, line 29; figures *	1	
A	US 3 196 479 A (P. E. ROMOSER) 27 July 1965		TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			B05C
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 31 August 1998	Examiner Brévier, F
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	

EPO FORM 1503 03 82 (P04C01)