



(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
21.04.1999 Bulletin 1999/16

(51) Int Cl.⁶: **B05B 7/02**, B05B 9/01,
B05B 1/30, B05B 7/12

(43) Date of publication A2:
04.11.1998 Bulletin 1998/45

(21) Application number: **98303448.9**

(22) Date of filing: **01.05.1998**

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

(72) Inventors:
• **Windus-Smith, Bryan Keith**
Broadstone, Dorset BH18 8BW (GB)
• **Ison, Dennis Ernest**
Broadstone, Dorset, BH 18 8BW (GB)

(30) Priority: **02.05.1997 GB 9709053**

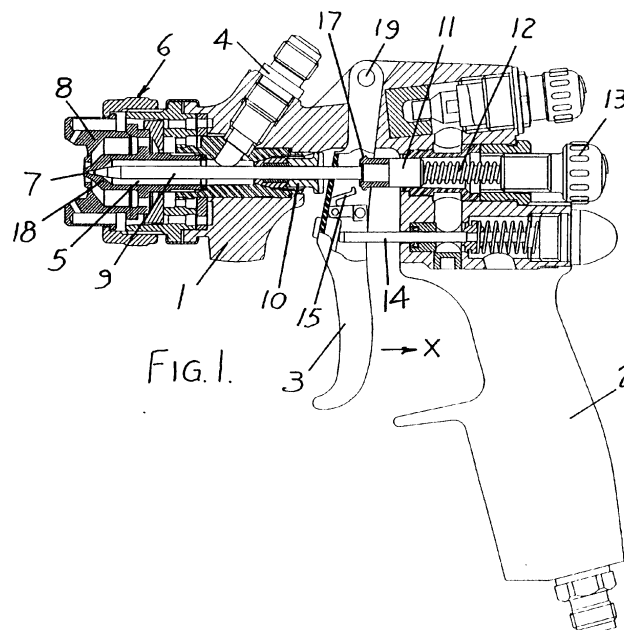
(74) Representative: **Pedder, James Cuthbert et al**
Hughes Clark & Co.,
114/118 Southampton Row
London WC1B 5AA (GB)

(71) Applicant: **ITW Limited**
Swansea SA5 4YE (GB)

(54) **A surface coating repair gun and assembly kit**

(57) A repair gun assembly comprises a body (1), a nozzle (18) attached to the gun body (1) and a needle (9) mounted for axial movement in the body (1) and co-operating with the nozzle (18) for opening and closing the nozzle opening. Biasing means (12) are provided for biasing the needle (9) in a direction to close the opening of the nozzle (18). The needle (9) has a collar (11) in a position spaced from the tip thereof and a trigger assem-

bly (3) is mounted on the body (1) and includes a resilient catch member (15). The resilient catch member (15) co-operates with a radially projecting rim (17) of the collar (11) to move the collar (11) in a direction to open the nozzle opening against the action of the biasing means (12). The catch member (15) is slidable past the rim (17) after a predetermined resistance has been reached to allow the needle (9) to move back in a direction to close the nozzle (18).





European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 98 30 3448

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)
A	GB 600 891 A (HARRIS) 21 April 1948 * page 2, line 23 - line 36 * -----	1,4	B05B7/02 B05B9/01 B05B1/30 B05B7/12
			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			B05B
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 24 February 1999	Examiner Julguet, J
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)

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

EP 98 30 3448

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.

24-02-1999

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
GB 600891	A	NONE	

EPO FORM P0459

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