

Title (en)

A surface coating repair gun and assembly kit

Title (de)

Beschichtungspistole und ihr Bauteilsatz

Title (fr)

Pistolet de revêtement et son kit d'assemblage

Publication

EP 0875295 A2 19981104 (EN)

Application

EP 98303448 A 19980501

Priority

GB 9709053 A 19970502

Abstract (en)

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 assembly (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). <IMAGE>

IPC 1-7

B05B 7/02; **B05B 9/01**

IPC 8 full level

B05B 1/30 (2006.01); **B05B 7/12** (2006.01)

CPC (source: EP US)

B05B 1/3046 (2013.01 - EP); **B05B 7/1227** (2013.01 - EP); **B05B 12/002** (2013.01 - EP US); **B05B 7/1209** (2013.01 - EP)

Cited by

CN114855114A

Designated contracting state (EPC)

AT CH DE LI

DOCDB simple family (publication)

EP 0875295 A2 19981104; **EP 0875295 A3 19990421**; **EP 0875295 B1 20040804**; AT E272448 T1 20040815; DE 69825356 D1 20040909; EP 1407822 A2 20040414; EP 1407822 A3 20040825; GB 2324748 A 19981104; GB 2324748 B 20010523; GB 9709053 D0 19970625

DOCDB simple family (application)

EP 98303448 A 19980501; AT 98303448 T 19980501; DE 69825356 T 19980501; EP 04000086 A 19980501; GB 9709053 A 19970502