

## Title (en)

COATING MATERIAL CARTRIDGE FOR A SPRAY GUN AND SPRAY GUN FOR THE USE OF SUCH A CARTRIDGE

## Publication

**EP 0167671 B1 19890322 (DE)**

## Application

**EP 84115547 A 19841215**

## Priority

DE 3346165 A 19831221

## Abstract (en)

[origin: US4811904A] A spray medium inset for a spraying pistol includes a spraying nozzle, and a needle for selectively closing the nozzle spray opening. The inset includes a connecting channel terminating in a cylindrical recess having an annular recess in the wall surrounding the cylindrical recess that snugly accommodates an annular ridge around the opening of a spray medium tank detachably secured to the connecting channel in the cylindrical recess. The connecting channel also includes a plug for normally keeping the spray opening closed with the jet needle. The tank has a concave bottom supporting a mixing shaft in a claw plug with a frangible annular zipper zone around the shaft. The mixing shaft is formed with a plug that engages a seat in the connecting channel bolt member that keeps the connecting channel closed and the spray opening closed with the shaft in its original extended position. A portion of the mixing shaft extends outside the concave bottom to function as a handle and extends into a hardener compartment containing hardener covered by a removable cover.

## IPC 1-7

**B05B 7/30**

## IPC 8 full level

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## Cited by

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**US 4811904 A 19890314**; AT E41612 T1 19890415; AU 3680384 A 19850627; AU 575890 B2 19880811; BR 8406639 A 19851015; CA 1266376 A 19900306; DE 3346165 A1 19850711; DE 3346165 C2 19870430; DE 3477351 D1 19890427; DK 613884 A 19850622; DK 613884 D0 19841220; EP 0167671 A2 19860115; EP 0167671 A3 19860312; EP 0167671 B1 19890322; ES 294892 U 19871016; ES 294892 Y 19890316; FI 844987 A0 19841218; FI 844987 L 19850622; IE 56404 B1 19910717; IE 843294 L 19850621; JP S60227857 A 19851113; KR 850004407 A 19850715; NO 160972 B 19890313; NO 160972 C 19890621; NO 845123 L 19850624; NZ 210658 A 19871127; ZA 849850 B 19850828

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**US 68000684 A 19841210**; AT 84115547 T 19841215; AU 3680384 A 19841214; BR 8406639 A 19841220; CA 470942 A 19841221; DE 3346165 A 19831221; DE 3477351 T 19841215; DK 613884 A 19841220; EP 84115547 A 19841215; ES 294892 U 19841220; FI 844987 A 19841218; IE 329484 A 19841221; JP 26868484 A 19841221; KR 840008143 A 19841220; NO 845123 A 19841220; NZ 21065884 A 19841220; ZA 849850 A 19841218