

Title (en)

Spray gun with dual mode trigger.

Title (de)

Spritzpistole mit einem in zwei Betriebsarten arbeitenden Betätigungshebel.

Title (fr)

Pistolet de pulvérisation avec gâchette à double mode de fonctionnement.

Publication

EP 0572237 A1 19931201 (EN)

Application

EP 93304087 A 19930526

Priority

- US 4827793 A 19930414
- US 89473092 A 19920527

Abstract (en)

A paint spray gun (10) having a dual operating mode trigger (21). The trigger (21) pivots on a gun body about an axis. The two operating modes are selected by radially positioning the trigger (21) relative to the axis. In a first operating mode, fluid flow to a nozzle (13) is gradually increased as the trigger (21) is gradually squeezed to permit fluid flow control for feathering the applied coating. In this mode, the trigger (21) is mechanically linked for actuating a valve needle (39). In a second operating mode, a small actuating movement of the trigger (21) operates a valve which causes a piston (41) to move the valve needle (39) to its fully open position. The second operating mode provides only on-off fluid control with a very short trigger stroke and a low trigger force. <IMAGE>

IPC 1-7

B05B 7/12; **B05B 1/30**

IPC 8 full level

B05B 7/02 (2006.01); **B05B 1/30** (2006.01); **B05B 7/12** (2006.01); **B05B 7/00** (2006.01)

CPC (source: EP US)

B05B 1/306 (2013.01 - EP); **B05B 7/0081** (2013.01 - EP); **B05B 7/1209** (2013.01 - EP); **B05B 7/1218** (2013.01 - EP); **B05B 7/1272** (2013.01 - EP); **B05B 12/002** (2013.01 - EP); **B05B 12/0022** (2018.07 - EP US)

Citation (search report)

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