

Title (en)
Air operated paint spray gun

Title (de)
Druckluftbetriebene Farbspritzpistole

Title (fr)
Pistolet de pulvérisation de peinture à air comprimé

Publication
EP 0706832 B1 19980304 (DE)

Application
EP 94116197 A 19941013

Priority
EP 94116197 A 19941013

Abstract (en)
[origin: EP0706832A1] The pistol housing (2) has a distributor (3) dividing the air supply between passages (5,6) supplying the horn jets and round jet. The horn-jet supply is steplessly adjustable by a screw-operated plug (7) with sealing boss (8) shutting off the passage (5) to a varying degree. After the boss, the plug has a larger-diameter portion steplessly adjusting the passage (6) to the round jet after that to the horn jets has been shut off. The pressure in the round-jet passage is limited to a predetermined maximum. The large-diameter portion can be disc-shaped (9), and the maximum pressure can be 0.7 bar. The disc can be arranged to act both on the air-supply and round-jet passages. The boss and disc can be in one piece and tapped (10) to accommodate a threaded stud (11) forming the plug core.

IPC 1-7
B05B 7/08; **B05B 7/12**

IPC 8 full level
B05B 7/08 (2006.01)

CPC (source: EP)
B05B 7/0815 (2013.01); **B05B 7/0838** (2013.01)

Cited by
DE102009032399A1; DE102018118738A1; EP2878380A1; CN104368468A; FR3103871A1; CN114650886A; GB2529754A; GB2529754B; CN102470382A; AU2010268870B2; DE202009009406U1; US10464076B2; US12097519B2; WO2011003493A1; USD835235S; US10195620B2; US10702879B2; US9782785B2; US9782784B2; US10835911B2; US11826771B2; US11865558B2; DE202011003941U1; US9878336B2; EP3626352A1; US10786824B2; US11801521B2; DE202012003116U1; EP3421138A1; US10189037B2; US10471449B2; US11141747B2

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