

Title (en)
SPRAY GUN

Title (de)
SPRITZPISTOLE

Title (fr)
PISTOLET PULVERISATEUR

Publication
EP 1299194 A1 20030409 (DE)

Application
EP 01962787 A 20010627

Priority
• DE 10031857 A 20000630
• EP 0107324 W 20010627

Abstract (en)
[origin: WO0202242A1] The invention relates to a spray gun comprising the following: a gun body (1); a nozzle assembly (9) arranged on said gun body (1); a compressed air supply channel (19, 20) located in the gun body (1), equipped with a valve assembly (17) for controlling the compressed air supply to the nozzle assembly (9), a regulator (6, 13) for adjusting the supply of the spray material, an actuating element (12) for actuating the valve assembly (17) and the regulator (6, 13) and a pressure measuring device (27) for detecting and displaying the pressure in the a compressed air supply channel (19, 20). The aim of the invention is to create a practical spray gun comprising a pressure measuring device which is resistant to dirt. To achieve this, the inventive pressure measuring device (27) contains a pressure sensor (28), which is integrated into the gun body (1) and which is connected to the compressed air supply channel (19, 20) via a capillary (43) located within the gun body (1).

IPC 1-7
B05B 12/08

IPC 8 full level
B05B 12/00 (2018.01); **B05B 12/08** (2006.01)

CPC (source: EP US)
B05B 12/008 (2013.01 - EP US); **B05B 7/2478** (2013.01 - EP US); **Y10S 239/14** (2013.01 - EP US)

Citation (search report)
See references of WO 0202242A1

Cited by
DE202019103497U1; US10702879B2; US9878336B2; USD835235S; US10464076B2; US11801521B2; US9782785B2; US9782784B2; US10189037B2; US10471449B2; US11141747B2; US10835911B2; US11826771B2; US11865558B2

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
WO 0202242 A1 20020110; DE 10031857 A1 20020117; DE 50113197 D1 20071213; EP 1299194 A1 20030409; EP 1299194 B1 20071031; JP 2004501763 A 20040122; JP 3968123 B2 20070829; US 2003189105 A1 20031009; US 7017838 B2 20060328

DOCDB simple family (application)
EP 0107324 W 20010627; DE 10031857 A 20000630; DE 50113197 T 20010627; EP 01962787 A 20010627; JP 2002506860 A 20010627; US 31227803 A 20030604