

Title (en)
SPRAY PISTOL

Title (de)
SPRITZPISTOLE

Title (fr)
PISTOLET-PULVERISATEUR

Publication
EP 1294490 A1 20030326 (DE)

Application
EP 01967097 A 20010627

Priority
• DE 10031858 A 20000630
• EP 0107323 W 20010627

Abstract (en)
[origin: WO0200355A1] The invention relates to a spray pistol comprising a pistol body (1); a nozzle system (9) which is arranged on the pistol body (1); a compressed air supply channel (22, 23) which is arranged in the pistol body (1) and which comprises a valve system (17) for controlling the supply of compressed air to the nozzle system (9); a regulating device (6, 13) for regulating the supply of the substance to be sprayed; an actuating element (12) for actuating the valve system (17) and the regulating device (6, 13); a device (31, 33, 37) for regulating the supply of compressed air to the nozzle system (9); and a pressure-measuring device (35, 38, 39) for detecting and indicating the pressure in the compressed air supply channel (22, 23). The aim of the invention is to create a compact and handy spray pistol comprising a pressure-measuring device which is easy to monitor when spraying. In order to achieve this, the pressure-measuring device (35, 38, 39) is integrated into the device (31, 33, 37) used to regulate the compressed air supply.

IPC 1-7
B05B 12/08

IPC 8 full level
B05B 7/04 (2006.01); **B05B 7/12** (2006.01); **B05B 12/00** (2018.01); **B05B 12/08** (2006.01)

CPC (source: EP US)
B05B 7/2478 (2013.01 - EP US); **B05B 12/008** (2013.01 - EP US); **B05B 7/0815** (2013.01 - EP US); **B05B 15/62** (2018.01 - EP US)

Citation (search report)
See references of WO 0200355A1

Cited by
DE202009006562U1; DE202019103497U1; AU2010244784B2; AU2013206665B2; USD835235S; US11801521B2; US10464076B2; US12097519B2; US9878336B2; WO2010127766A3; US10702879B2; US9782785B2; US9782784B2; DE102009020194A1; US8857732B2; US10189037B2; US10471449B2; US11141747B2; US10835911B2; US11826771B2; US11865558B2

Designated contracting state (EPC)
FR GB IT

DOCDB simple family (publication)
WO 0200355 A1 20020103; CN 1167514 C 20040922; CN 1429135 A 20030709; DE 10031858 A1 20020117; DE 10031858 B4 20080703; EP 1294490 A1 20030326; EP 1294490 B1 20070613; JP 2004501746 A 20040122; JP 4776141 B2 20110921; US 2003164408 A1 20030904; US 6845924 B2 20050125

DOCDB simple family (application)
EP 0107323 W 20010627; CN 01809680 A 20010627; DE 10031858 A 20000630; EP 01967097 A 20010627; JP 2002505126 A 20010627; US 25865303 A 20030324