

Title (en)
Spray gun

Title (de)
Sprühpistole

Title (fr)
Pistolet de pulvérisation

Publication
EP 2279792 B1 20160106 (DE)

Application
EP 10170320 A 20100721

Priority
DE 102009026257 A 20090727

Abstract (en)
[origin: EP2279792A1] The pistol (1) has a nozzle needle (3) supported in a pistol body. The nozzle needle penetrates a membrane (8) that is connected with the nozzle needle in a fixed manner. The membrane seals a space (16) in a fluid sealed manner, where the space is turned away from a spraying nozzle (2) and passed by the nozzle needle. The membrane permits movement that is necessary for opening and closing of the pistol. The space is subjected by fluid that stands under pressure for utilization of the space as a pressure space. Independent claims are also included for the following: (1) a method for actuating a spraying pistol that is designed as a signing pistol (2) a system that comprises a spraying pistol and color storage container.

IPC 8 full level
B05B 1/30 (2006.01); **B05B 7/06** (2006.01); **B05B 7/12** (2006.01); **B05B 9/04** (2006.01); **B05B 12/02** (2006.01)

CPC (source: EP)
B05B 1/3053 (2013.01); **B05B 1/306** (2013.01); **B05B 9/04** (2013.01); **B05B 7/066** (2013.01); **B05B 7/1263** (2013.01); **B05B 12/02** (2013.01)

Cited by
CN113909017A; EP2502853A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)
BA ME RS

DOCDB simple family (publication)
EP 2279792 A1 20110202; EP 2279792 B1 20160106; DE 102009026257 A1 20110203; DE 102009026257 B4 20240104;
PL 2279792 T3 20160429

DOCDB simple family (application)
EP 10170320 A 20100721; DE 102009026257 A 20090727; PL 10170320 T 20100721