

Title (en)
Spray gun

Title (de)
Spritzpistole

Title (fr)
Pistolet de pulvérisation

Publication
EP 1371421 B1 20050316 (DE)

Application
EP 03009085 A 20030419

Priority
DE 10226792 A 20020615

Abstract (en)
[origin: EP1371421A1] The spray gun includes a nozzle needle (31) connected with keyed engagement to the retraction arm (26) in the region of the guide sleeve (21) by an articulated bolt (27') engaging through the sleeve. The nozzle needle is held displaceable in a seal (32) which is inserted in the U-section guide sleeve between the supply line (16) and the articulated bolt. The seal holding the needle has on one or both sides one or more tabs projecting in the longitudinal direction of the needle and each with an elongated slit in which the projections on the needle engage.

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

IPC 8 full level
B05B 1/30 (2006.01); **B05B 7/12** (2006.01); **B05B 7/24** (2006.01)

CPC (source: EP US)
B05B 1/3046 (2013.01 - EP US); **B05B 12/002** (2013.01 - EP US); **B05B 12/0022** (2018.07 - EP US); **B05B 7/2437** (2013.01 - EP US)

Cited by
WO2012119578A1; US11950677B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1371421 A1 20031217; **EP 1371421 B1 20050316**; AT E290929 T1 20050415; DE 10226792 A1 20040108; DE 10226792 B4 20041028; DE 50300357 D1 20050421; US 2004026534 A1 20040212; US 6824075 B2 20041130

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EP 03009085 A 20030419; AT 03009085 T 20030419; DE 10226792 A 20020615; DE 50300357 T 20030419; US 46090503 A 20030613