

Title (en)

Electronically actuated trigger mechanism for compressed gas powered weapons or the like

Title (de)

Elektronischer Abfeuerungsmechanismus für Luftdruckwaffen

Title (fr)

Mécanisme de détente électronique pour armes à air comprimé

Publication

EP 1197723 A3 20030312 (EN)

Application

EP 01307527 A 20010904

Priority

US 68666500 A 20001011

Abstract (en)

[origin: EP1197723A2] A compressed gas powered gun (10) includes an electronic actuator (114, 116, 118, 156) to achieve greater efficiency in the operation of the gun. The electronic actuator is operative to control movement of a bolt assembly (88) between a sealing position in which it seals a firing chamber (36) for compressed gas, and an unsealing position in which the gas in the firing chamber (36) is released to launch a projectile from the gun. The electronic actuator may also move a flow valve (74) controlling communication between the firing chamber (36) and a source of compressed gas. The gun is operable in either a manually operating mode or an electronically operating mode. <IMAGE>

IPC 1-7

F41B 11/32; **F41B 11/00**; **F41A 19/69**; **F41A 19/16**

IPC 8 full level

F41B 11/00 (2013.01); **F41B 11/57** (2013.01); **F41B 11/72** (2013.01)

CPC (source: EP US)

F41B 11/00 (2013.01 - EP); **F41B 11/57** (2013.01 - EP); **F41B 11/71** (2013.01 - EP US); **F41B 11/723** (2013.01 - EP)

Citation (search report)

- [DA] US 6024077 A 20000215 - KOTSIPOULOS THOMAS G [US]
- [A] GB 2345953 A 20000726 - NPF LIMITED [GB]
- [A] US 6062208 A 20000516 - SEEFELDT WILLIAM J [US], et al
- [A] GB 2342710 A 20000419 - NPF LIMITED [GB]

Cited by

US7159585B2; US7624726B2; US6626165B1; US7451755B2; US9746279B2; US10024626B2

Designated contracting state (EPC)

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