

Title (en)
SMALL ARMS

Title (de)
KLEINKALIBERWAFFEN

Title (fr)
PETITES ARMES

Publication
EP 1230524 A1 20020814 (EN)

Application
EP 00975677 A 20001117

Priority
• AU 0001405 W 20001117
• AU PQ413499 A 19991118

Abstract (en)
[origin: WO0136893A1] Small arm (10) includes a trigger, barrel assembly (11) and electronic firing controls mounted in handgrip (12). Barrel assembly (11) includes a plurality of axially disposed projectiles and discrete propellant charges for propelling respective projectiles, Small arm (10) includes laser beam (15) which terminates at target (16) to provide an instant reading of the target distance for adjusting the rate of fire to achieve a desired impact spread. The impact spread results from the recoiling action of small arm (10) inducing barrel climb. A single firing event activates the trigger and small arm (10) fires a predetermined number of projectiles at a rate selected to provide a desired impact spread on target (16). Where target (16) is a person, typically two or three projectiles are fired, and the rate of fire is between 10,000 and 60,000 rounds per minute, depending on the target distance.

IPC 1-7
F41A 19/65; **F41A 19/67**; **F41G 3/06**; **F41G 3/04**

IPC 8 full level
F41A 19/64 (2006.01); **F41A 19/65** (2006.01); **F41A 19/67** (2006.01); **F41C 3/00** (2006.01); **F41G 3/04** (2006.01); **F41G 3/06** (2006.01); **F42B 5/03** (2006.01)

CPC (source: EP KR)
F41A 19/65 (2013.01 - EP KR); **F41A 19/67** (2013.01 - EP); **F41C 3/00** (2013.01 - KR); **F41G 3/04** (2013.01 - EP); **F41G 3/06** (2013.01 - EP); **F42B 5/03** (2013.01 - EP)

Cited by
EP2635088A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
WO 0136893 A1 20010525; AU PQ413499 A0 19991209; BR 0015215 A 20020618; CA 2389278 A1 20010525; CN 1175241 C 20041110; CN 1391647 A 20030115; EP 1230524 A1 20020814; EP 1230524 A4 20050105; IL 149168 A0 20021110; JP 2003515088 A 20030422; KR 20020056910 A 20020710; RU 2002113765 A 20050120; ZA 200203028 B 20030417

DOCDB simple family (application)
AU 0001405 W 20001117; AU PQ413499 A 19991118; BR 0015215 A 20001117; CA 2389278 A 20001117; CN 00815874 A 20001117; EP 00975677 A 20001117; IL 14916800 A 20001117; JP 2001538738 A 20001117; KR 20027006048 A 20020510; RU 2002113765 A 20001117; ZA 200203028 A 20020417