

Title (en)
FORMING TEMPORARY AIRBORNE IMAGES

Title (de)
VERFAHREN FÜR DIE ZEITLICHE HERSTELLUNG VON LUFTBILDERN

Title (fr)
FORMATION D'IMAGES AERIENNES TEMPORAIRES

Publication
EP 1283979 A1 20030219 (EN)

Application
EP 01980024 A 20010525

Priority
• AU 0100606 W 20010525
• AU PQ779500 A 20000526

Abstract (en)
[origin: WO0190680A1] Barrel assembly (10) includes rifled barrel (11) loaded with several pyrotechnic projectiles (12) for selective firing by an electronically controlled system. Each projectile (12) includes body (14), housing (15) containing pyrotechnic material (16), and trailing collar (17) supported on trailing hub (18) of body (14) for limited axial movement. Collar (17) includes leading wall (20) abutting trailing wall (21) of housing (15) and an internally tapered thickened rear part (24) engaging nose (25) of trailing projectile (12) to wedge into sealing engagement with barrel (11). Hub (18) supports propellant capsule (30) connected by electrical leads (31) to contacts (32) on outer cylindrical wall (33) of housing (12). Complementary contacts (34) are supported in barrel (11). Alignment of contacts (34) with contacts (32) occurs during the loading process. Fuse (35) extends between capsule (30) and primer (36) so that material (16) explodes a set time after firing projectile (12) from barrel (11).

IPC 1-7
F42B 4/24; **G09F 13/46**

IPC 8 full level
F42B 4/24 (2006.01); **F42B 5/03** (2006.01); **G09F 13/46** (2006.01)

CPC (source: EP KR US)
F42B 4/24 (2013.01 - EP KR US); **F42B 5/035** (2013.01 - EP US); **G09F 13/46** (2013.01 - EP US)

Citation (search report)
See references of WO 0190680A1

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 0190680 A1 20011129; AU 1012902 A 20011203; AU PQ779500 A0 20000622; CA 2407787 A1 20011129; CN 1432124 A 20030723; EP 1283979 A1 20030219; IL 153054 A0 20030624; JP 2003534524 A 20031118; KR 20030009485 A 20030129; RU 2002130579 A 20040520; US 2003127010 A1 20030710; ZA 200208760 B 20040330

DOCDB simple family (application)
AU 0100606 W 20010525; AU 1012902 A 20010525; AU PQ779500 A 20000526; CA 2407787 A 20010525; CN 01810224 A 20010525; EP 01980024 A 20010525; IL 15305401 A 20010525; JP 2001586408 A 20010525; KR 20027015104 A 20021111; RU 2002130579 A 20010525; US 29638502 A 20021125; ZA 200208760 A 20021030