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1. Family 80801173 (WO22029511 A1)

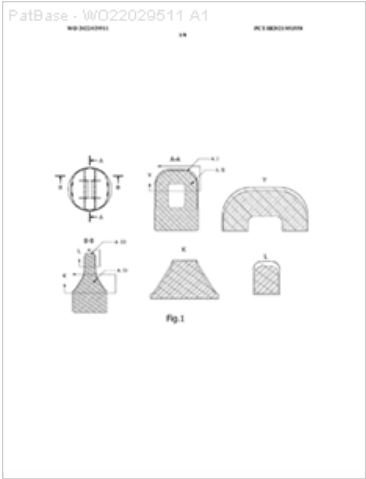
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Title
[EN] METHOD FOR MANUFACTURING A MECHANICAL ELEMENT AND MECHANICAL ELEMENT FOR SECURE ATTACHMENT OF AERIAL BOMBS

Abstract
[EN] The present invention relates to a novel method for manufacturing elements for secure attachment of MK-type aerial bombs, which comprises the steps of producing the mould as a shell, de-waxing the refractory mould obtained in the previous step, consolidating the refractory mould (200f) and casting (200i), as well as the element or device obtained by the previous steps, which is an economical, fast, high-precision method for consolidating these elements.

International Class: F42B39/00; F42B39/22; B64D1/06; B64D7/08; C21D9/00

Cooperative Patent Class: B64D1/06; B64D7/08; C21D9/00; F42B39/00; F42B39/22



Family Information

Patent Number	Publication Date	Application Number	Application Date
CO20200009741 A1	20200821	CO20200009741	20200806
WO22029511 A1	20220210	WO2021IB53558	20210429

Priority Numbers: CO20200009741 [20200806]

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Agent(s): NAVARRO ROMERO GUILLERMO

Designated States: AE; AG; AL; AM; AO; AT; AU; AZ; BA; BB; BE; BF; BG; BH; BJ; BN; BR; BW; BY; BZ; CA; CF; CG; CH; CI; CL; CM; CN; CO; CR; CU; CY; CZ; DE; DJ; DK; DM; DO; DZ; EC; EE; EG; ES; FI; FR; GA; GB; GD; GE; GH; GM; GN; GQ; GR; GT; GW; HN; HR; HU; ID; IE; IL; IN; IR; IS; IT; JO; JP; KE; KG; KH; KM; KN; KP; KR; KW; KZ; LA; LC; LK; LR; LS; LT; LU; LV; LY; MA; MC; MD; ME; MG; MK; ML; MN; MR; MT; MW; MX; MY; MZ; NA; NE; NG; NI; NL; NO; NZ; OM; PA; PE; PG; PH; PL; PT; QA; RO; RS; RU; RW; SA; SC; SD; SE; SG; SI; SK; SL; SM; SN; ST; SV; SY; SZ; TD; TG; TH; TJ; TM; TN; TR; TT; TZ; UA; UG; US; UZ; VC; VN; WS; ZA; ZM; ZW

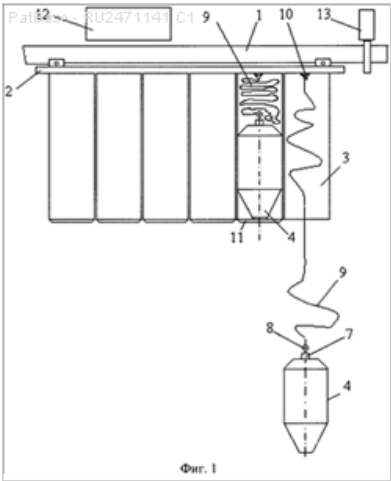
2. Family 52648777 (RU2471141 C1)

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Title
[EN] AVIATION ANTI-AVALANCHE SYSTEM

Abstract
[EN] FIELD: weapons and ammunition.SUBSTANCE: aviation anti-avalanche system includes airborne vehicle, container, ammunition with explosive charges, remote control panel of charge blasting and laser metre. Container is arranged immediately under fuselage of airborne vehicle. Container includes ammunition compartments. Ammunition is arranged in compartments on suspensions. Ammunition includes splinterless housing, explosive charge with detonating fuse and remote drive. In addition, laser metre of distance to surface of snow cover is installed aboard the airborne vehicle.EFFECT: increasing the efficiency of anti-avalanche system.3 cl, 2 dwg

International Class: B64D1/04; F42B12/48; F42B39/14; F42D3/00



Family Information

Patent Number	Publication Date	Application Number	Application Date
RU2011117897 A	20121110	RU20110117897	20110504
RU2471141 C1	20121227	RU20110117897	20110504

Priority Numbers: RU20110117897 [20110504]

Probable Patent Assignee: G UCHREZH DENIE VYSOKOGORNYJ GEOFIZICHESKIJ INST GU VGI

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3. Family 46422202 (US2010198514 AA)

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Title
[EN] MULTIMODE UNMANNED AERIAL VEHICLE

Abstract

[EN] A system comprising an unmanned aerial vehicle (UAV) configured to transition from a terminal homing mode to a target search mode, responsive to an uplink signal and/or an autonomous determination of scene change.

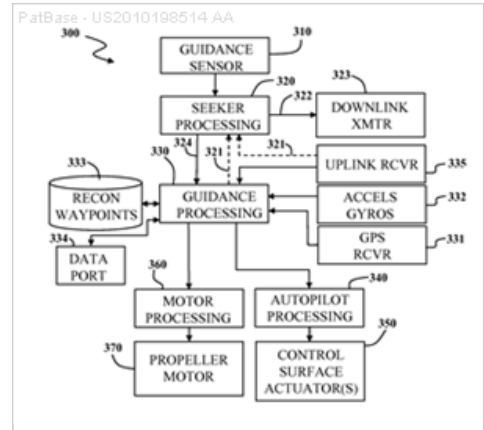
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Cooperative Patent Class: B64C13/20; B64C2201/121; B64C2201/141; B64C39/00; B64C39/024; F41G7/008; F41G7/2206; F41G7/2246; F41G7/2253; F41G7/2293; F41G9/002; F42B15/01; G05D1/0094; G05D1/12; G08G5/0069; B64C2201/08; B64C2201/084; B64C2201/102; B64C2201/146; B64C2201/201; B64F1/04; B64F1/06; F41A21/02; F41F1/00; F41F3/04; F41F3/042; F42B39/14; B64C11/00; B64C13/18; B64C13/28; B64C13/34; B64C2009/005; B64C2201/021; B64C2201/14; B64C2201/145; B64C3/38; B64C3/44; B64C3/50; B64C3/56; B64C5/12; B64C9/02; B64C9/08; B64C9/18; B64C9/34; B64C9/36; G05D1/0808

US Class: 1/1; 244/13; 244/3.28; 244/38; 244/39; 244/46; 244/49; 244/63; 244/63P; 244/87; 244/90R; 701/3; 701/302; 701/302P; 89/1.815; 89/1.816; 89/1.817

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Priority Numbers: US20090149304P [20090202]; US20090241001P [20090909]; US20090240987P [20090909]; US20090240996P [20090909]; US20090241017P [20090909]; US20090240985P [20090909]; WO2010US22942 [20100202]; WO2010US48313 [20100909]; WO2010US48323 [20100909]; AU20100239639 [20100202]; AU20150201876 [20150414]; AU20100325107 [20100909]; AU20160253541 [20161031]; AU20100325108 [20100909]; AU20160262762 [20161125]; AU20170279569 [20171218]; AU20180256590 [20181101]; AU20190200135 [20190110]; AU20200201173 [20200219]; AU20200239722 [20200924]; US20090241017P [20090209]; US20090240985P [20090209]; US20090240987P [20090209]; US20090240996P [20090209]; US20090241001P [20090209]; CA20172759383 [20170921]; CA20102759383 [20100202];

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Designated States: 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; AE; AG; AM; AO; AU; AZ; BA; BB; BF; BH; BJ; BR; BW; BY; BZ; CA; CF; CG; CI; CL; CM; CN; CO; CR; CU; DM; DO; DZ; EC; EG; GA; GD; GE; GH; GM; GN; GQ; GT; GW; HN; ID; IL; IN; JP; KE; KG; KM; KN; KP; KR; KZ; LA; LC; LK; LR; LS; LY; MA; MD; ME; MG; ML; MN; MR; MW; MX; MY; MZ; NA; NE; NG; NI; NZ; OM; PE; PG; PH; RS; RU; SC; SD; SG; SL; SN; ST; SV; SY; SZ; TD; TG; TH; TJ; TM; TN; TT; TZ; UA; UG; US; UZ; VC; VN; ZA; ZM; ZW

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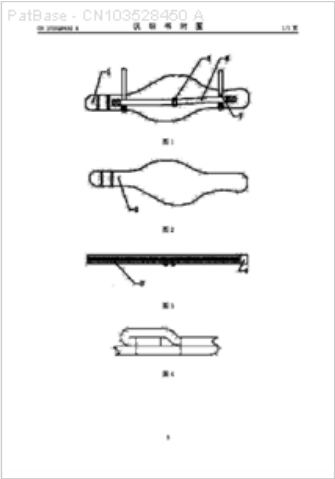
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Title

[EN] 87-TYPE 35MM SNIPING GRENADE PROTECTING BUSH

Abstract

[EN] The invention discloses an 87-type 35mm sniping grenade protecting bush. The 87-type 35mm sniping grenade protecting bush comprises a left side wall, a right side wall, zippers, surrounding strips, back belts, three beams and a fastening belt. The left side wall is connected with the right side wall in a joint hooking and pressing mode, and an area matched with an 87-type 35mm sniping grenade is formed by the left side wall and the right side wall. The left side wall and the right side wall are provided with the zippers and the surrounding strips all of which are mutually connected. The left side wall is provided with the fastening belts and the back belts provided with the three beams. The left side wall, the right side wall, the zippers, the surrounding strips, the back belts, the three beams and the fastening belt are of a connected integral structure. The 87-type 35mm sniping grenade protecting bush can hide the 87-type 35mm sniping grenade and prevent the 87-type 35mm sniping grenade from being hooked, and has the functions of preventing sand and dust. The demands for carrying of airborne troop maneuvers, training and actual combats can be met, the 87-type 35mm sniping grenade can be pocketed and taken out of the 87-type 35mm sniping grenade protecting bush fast and conveniently, tactics movement is not affected, and the 87-type 35mm sniping grenade protecting bush is suitable for being used when airborne troops land from the air.



International Class: F42B39/00

Family Information

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CN103528450 A	20140122	CN201310506213	20131024
CN203534366 U	20140409	CN201320658768U	20131024

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5. Family 1182115 (US3911787 A)

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Title

[EN] SAFE AIRCRAFT AMMUNITION CONTAINER

Abstract

[EN] Aircraft ammunition is loaded nose-down in an ejectable container that is attached to the bottom of the aircraft external to primary aircraft structure, to minimize peril in the event of explosion of the ammunition.

International Class: B64D1/00; B64D1/04; B64D7/00; F41A9/00; F41A9/29; F42B39/00; F42B39/20

Cooperative Patent Class: B64D1/04; B64D7/00; F41A9/29; F42B39/20

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Family Information

Patent Number	Publication Date	Application Number	Application Date
US3911787 A	19751014	US19740446701	19740228

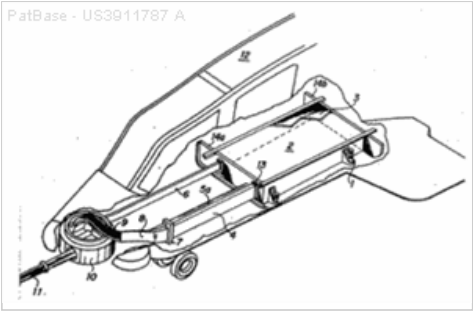
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6. Family 54134610 (RU96116959 A)

[View in PatBase](#)

Title

[MT] DEVICE pressure compensation LIQUID EQUIPMENT aircraft weapons

Abstract

[MT] Liquid pressure compensating device equipment aviation destruction means, comprising a cylinder bore and arranged therein spring-biased plunger, wherein the cylinder is mounted on the outer surface of the bottom portion of airborne weapons.

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Family Information

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RU96116959 A	19981127	RU19960116959	19960820