

Search history

- Search 1: [SP]: A device 1 for feeding medium calibre ammunition, intended for a turret mounted on an armoured vehicle, characterised in that the structural elements for guided and pulled delivery successively comprise a first conveyor (31), a first ratchet casing (41), a second conveyor (32) and a second ratchet casing (42), said rotating circular plate and said structural elements for guided and pulled delivery all being covered with a protection made from metal sheet on the side faces of same and/or on a top portion or roof, said protection made from metal sheet having movable flaps mounted in a rotating or pivoting manner (23, 24, 28, 33, 34, 35), allowing partial or total ergonomic (re)loading and/or unloading of medium-calibre ammunition (2) into/from the rotating circular plate (21, 22), either when the vehicle is stationary or when it is moving, from the inside and/or the outside of the turret and access to the medium-calibre ammunition (2) or (re)loading and/or unloading of same into/from the conveyors (31, 32). (Results 0)
- Search 2: [SP]: A device (1) for feeding medium-calibre ammunition, intended for a turret mounted on an armoured vehicle, characterised in that the structural elements for guided and pulled delivery successively comprise a first conveyor (31), a first ratchet casing (41), a second conveyor (32) and a second ratchet casing (42), said rotating circular plate and said structural elements for guided and pulled delivery all being covered with a protection made from metal sheet on the side faces of same and/or on a top portion or roof, said protection made from metal sheet having movable flaps mounted in a rotating or pivoting manner (23, 24, 28, 33, 34, 35), allowing partial or total ergonomic (re)loading and/or unloading of medium-calibre ammunition (2) into/from the rotating circular plate (21, 22), either when the vehicle is stationary or when it is moving, from the inside and/or the outside of the turret and access to the medium-calibre ammunition (2) or (re)loading and/or unloading of same into/from the conveyors (31, 32). (Results 0)
- Search 3: [SP]: Device for medium caliber ammunition feed 1 to a turret mounted on an armored vehicle, comprising at least a circular rotating tray (21, 22) adapted to be placed at the rear of said turret, for positioning a medium caliber ammunition (2) in band or chain, vertically and along a spiral path, followed by structural elements guided and tensioned routing (31, 32, 41, 42) of at least one band or chain of medium caliber ammunition (2), which comprise at least one conveyor (31, 32) and a ratchet box (41, 42), characterized in that said structural elements guided and tensioned routing successively comprise a first conveyor (31), a first box ratchet (41), a second conveyor (32) and a second box ratchet (42), said circular rotating tray and said structural elements being guided and tensioned routing all covered by a protection sheet metal on their lateral faces and / or on an upper or roof portion, said sheet metal protection having movable hatches rotary or swivel mounted (23, 24, 28, 33, 34, 35), allowing (re-) loading and / or unloading partial or full and the ergonomic circular rotating tray (21, 22) in medium-caliber ammunition (2) is stopped, or during the movement of the vehicle from the inside and / or outside of the turret and access to the medium-caliber ammunition (2) or a (re) loading and / or unloading thereof in the conveyors (31, 32). (Results 0)
- Search 4: [SP]: Device for medium-caliber ammunition feed (1) to a turret mounted on an armored vehicle, comprising at least a circular rotating tray (21, 22) adapted to be placed at the rear of said turret, for positioning a medium caliber ammunition (2) in band or chain, vertically and along a spiral path, followed by structural elements guided and tensioned routing (31, 32, 41, 42) of at least one band or chain of medium caliber ammunition (2), which comprise at least one conveyor (31, 32) and a ratchet box (41, 42), characterized in that said structural elements guided and tensioned routing successively comprise a first conveyor (31), a first box ratchet (41), a second conveyor (32) and a second box ratchet (42), said circular rotating tray and said structural elements being guided and tensioned routing all covered by a protection sheet metal on their lateral faces and / or on an upper or roof portion, said sheet metal protection having movable hatches rotary or swivel mounted (23, 24, 28, 33, 34, 35), allowing (re-) loading and / or unloading partial or full and the ergonomic circular rotating tray (21, 22) in medium-caliber ammunition (2) is stopped, or during the movement of the vehicle from the inside and / or outside of the turret and access to the medium-caliber ammunition (2) or a (re) loading and / or unloading thereof in the conveyors (31, 32). (Results 0)
- Search 5: FT=(DEVICE~ AND FOR~ AND MEDIUM-CALIBER~ AND AMMUNITION~ AND FEED~ AND TO AND A AND TURRET~ AND MOUNTED~ AND ON AND AN AND ARMORED~ AND VEHICLE~) (Results 3)

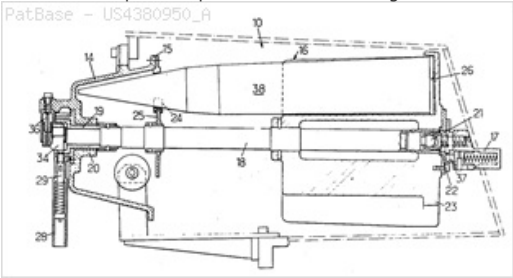
1) Family number: 30273575 (US4380950A)

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Title:	Loading apparatus for a medium caliber weapon			
Priority:	FR19790015878 19790615	EP19800400805 19800606	CA19800353903 19800612	
Family:	Publication number	Publication date	Application number	Application date
	AR222711 A1	19810615	AR19800281392	19800613
	AT1917 E	19821215	AT19800400805T	19800606
	BR8003692 A	19810113	BR19800003692	19800613
	CA1140378 A1	19830201	CA19800353903	19800612
	DE3061206 D1	19830105	DE19803061206	19800606
	EP0021921 A1	19810107	EP19800400805	19800606
	EP0021921 B1	19821201	EP19800400805	19800606
	ES492358 A0	19811101	ES19800492358	19800612
	ES8200183 A1	19811101	ES19800492358	19800612
	FR2459446 A1	19810109	FR19790015878	19790615
	FR2459446 B1	19830718	FR19790015878	19790615
	MX149647 A	19831207	MX19800182760	19800613
	US4380950 A	19830426	US19800157304	19800609
	ZA8003493 A	19810624	ZA19800003493	19800612
Probable Assignee:	HISPANO SUIZA SA			
Assignee(s):(std):	HISPANO SUIZA S A ; HISPANO SUIZA SA ; HISPANO SUIZA SOC ANONYME			
Assignee(s):	HISPANO SUIZA SOCIETE ANONYME DITE ; RENOUX LUCIEN ; HISPANO SUIZA			
Inventor(s):(std):	LUCIEN RENOUX ; RENOUX L ; RENOUX LUCIEN ; RENOUX LUCIEN H ; RENOUX LUCIEN HENRI			
Inventor(s):	LUCIEN HENRI RENOUX			
Agent(s):	GOUDREAU GAGE AND ASSOCIATES			
Designated states:	AT BE CH DE FR IT SE			
International class (IPC)	F41A9/26 F41A9/73 (Advanced/Invention);			

8-9): F41A9/00 (Core/Invention)
International class (IPC 1-7): F41C13/00 F41F9/0 F41F9/00 F41F9/06 F41H7/06 F41H7/6
CPC: F41A9/26 F41A9/73
European class: F41A9/26 F41A9/73
US class: 89/33.17 89/33BA 89/45
Classification Explorer
Cited documents: US3999460 A, US3598016 A, US341371 A, US3143301 A, US3134301 A, US2503578 A, US2122423 A, GB881054 A, GB772463 A, GB730754 A, FR672727 A, FR4177 E, FR348731 A, FR2402852 A1, EP0021921 A1, DE2501425 A1, DE2457558 A1, DE2433568 A1, DE2149954 A1, DE1231594 B, DE1140494 B, CH461307 A, CA700621 A,
Forward Citations: US7207257, US4677894, US4457209, US4380950, US2006201320,

Abstract:
This loading device for an average-caliber weapon mounted in a turret comprises a barrel-shaped body rotatably mounted in a fixed casing. In the barrel-shaped body are provided several positions spread out around the axis of rotation and each intended to receive a piece of ammunition. Means are provided for rotating the barrel-shaped body through angular steps equal to the gap between successive positions so as to cause each of the positions to coincide in turn with a removal aperture provided in the casing.



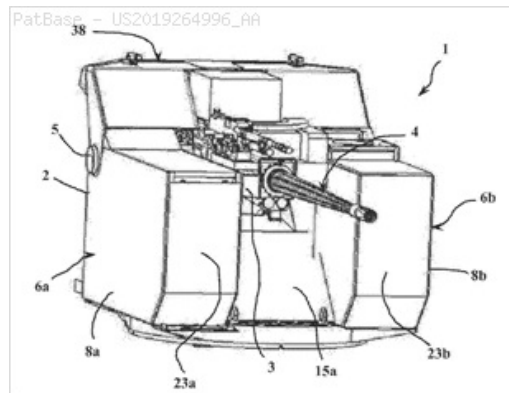
2) Family number: 67752796 (US2019264996A)

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Title: CANNON TURRET COMPRISING AT LEAST ONE AMMUNITION MAGAZINE, AND AMMUNITION CONTAINER FOR SUPPLYING A MAGAZINE OF SAID TYPE
Priority: FR20160000898 20160603 WO2017FR51381 20170601
Family: Publication number Publication date Application number Application date
AU2017275796 AA 20190117 AU20170275796 20170601
CA3026446 AA 20181203 CA20173026446 20170601
EP3465066 A2 20190410 EP20170735182 20170601
FR3052247 A1 20171208 FR20160000898 20160603
FR3052247 B1 20190802 FR20160000898 20160603
IL263457 A0 20190131 IL20170263457 20170601
SG11201811731R A1 20190130 SG20181111731 20170601
US2019264996 AA 20190829 US20170306861 20170601
WO17207942 A2 20171207 WO2017FR51381 20170601
WO17207942 A3 20180222 WO2017FR51381 20170601
ZA201808322 A 20190731 ZA20180008322 20181210
Probable Assignee: NEXTER SYSTEMS
Assignee(s):(std): NEXTER SYSTEMS
Assignee(s): BAERT STEVE ; LAURENT VIRGINIE
Inventor(s):(std): BAERT STEVE ; LAURENT VIRGINIE ; STEVE BAERT ; VIRGINIE LAURENT
Agent(s): JONES TULLOCH; ROBIC; CABINET CHAILLOT; CHAILLOT GENEVIEVE
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 JP KE KG KH KM KN KP KR KW KZ LA LC LI 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 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 ZA ZM ZW

International class (IPC 8-9): F41A F41A17/38 F41A23/24 F41A9/34 F41A9/79 (Advanced/Invention); F41A23/24 (Advanced/Non-invention); F41A (Subclass/Invention)
CPC: F41A9/34 F41A9/79 F41A17/38 F41A23/24
Classification Explorer
Cited documents: US6439098 BA, US5299487 A, US3788189 A, US2010294119 AA, GB1040323 A, EP0129457 A1, DE602006000443 T2
Forward Citations: WO19149427, WO19115210, FR3077381, FR3074890,

Abstract:
A cannon turret including a gun mount supporting a cradle that accommodates a weapon and includes trunnions pivotally mounted in sockets of the gun mount; the turret comprises an ammunition feeding device which includes at least one ammunition magazine located laterally on the cradle, below one of the sockets, and which further includes at least one feeding canal for conducting the ammunition from the magazine to the weapon. The disclosed turret is characterized in that the magazine includes at least one external canister which is secured to the gun mount and inside which at least one ammunition container can be accommodated; the canister has a rear end with an opening, and a closed front end; locking means are provided for blocking the container in relation to the canister. Also, a container that is to be accommodated in a canister of the type.



3) Family number: 65706805 (ZA201802725A)

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Title: DEVICE FOR FEEDING MEDIUM-CALIBRE AMMUNITION WITH A ROTATING PLATE
Priority: US20150253236P 20151110 BE20150005827 20151217 WO2016EP75512 20161024
Family:

Publication number	Publication date	Application number	Application date
AU2016352431 AA	20180510	AU20160352431	20161024
BE1023730 AB	20170630	BE20150005827	20151217
BR112018006951 A2	20181016	BR20181106951	20161024
CA3001432 AA	20180409	CA20163001432	20161024
CN108603736 A	20180928	CN201680065586	20161024
CO20180005877 A2	20180821	CO20180005877	20180607
EP3374720 A1	20180919	EP20160790540	20161024
EP3374720 B1	20190807	EP20160790540	20161024
ID201809439 A	20180831	ID2018PID03945	20161024
IL259126 A0	20180628	IL20160259126	20161024
IN201817020540 A	20180622	IN201817020540	20180531
KR20180092315 A	20180817	KR20187015587	20161024
MX2018005835 A1	20181112	MX20180005835	20161024
SG11201802569T A1	20180427	SG20181102569	20161024
WO17080800 A1	20170518	WO2016EP75512	20161024
WO17080800 A8	20170706	WO2016EP75512	20161024
ZA201802725 A	20180926	ZA20180002725	20180424

Probable Assignee: COCKERILL MAINTENANCE AND INGENIERIE SA
Assignee(s):(std): COCKERILL MAINTENANCE AND INGENIERIE SA ; COLOMINE ANTHONY ; GRITSKEVITCH INNOKENTY ; FARINELLA DOMENICO ; CMI DEFENCE S A
Assignee(s): CMI DEFENCE SA
Inventor(s):(std): COLOMINE ANTHONY ; FARINELLA DOMENICO ; GRITSKEVITCH INNOKENTY ; DOMENICO FARINELLA ; INNOKENTY GRITSKEVITCH ; ANTHONY COLOMINE
Agent(s): SPRUSON AND FERGUSON; SMART AND BIGGAR; JUAN PABLO CADENA SARMIENTO; PRONOVEM; MAULITTA PRAMULASARI; PRONOVEM OFFICE VAN MALDEREN
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 JP KE KG KM KN KP KR KW KZ LA LC LI 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 ZA ZM ZW

International class (IPC 8-9): F41A F41A9/30 F41A9/55 F41A9/79 F41A9/86 (Advanced/Invention); F41A (Subclass/Invention)

International class (IPC 1-7): F41A9/30 F41A9/55 F41A9/79 F41A9/86

CPC: F41A9/30 F41A9/55 F41A9/79 F41A9/86

[Classification Explorer](#)

Cited documents: WO14035032 A1, WO14035032, WO13087053 A1, WO13087053, WO11155971 A1, WO11155971, US8485083 BA, US8485083, US5905224 A, US5905224 A, US5561258 A, US5561258 A, US4674392 A, US4674392 A, US4601230 A, US4601230 A, US4332097 A, US4332097 A, US3602088 A, US3602088 A, US2014096671 AA, US2014096671 AA, US2012227300 AA, US2012227300 AA, US2012117840 AA, US2012117840 AA, US2012024144 AA, US2012024144 AA, US2009120271 AA, US2009120271 AA, US2007107592 AA, US2007107592 AA, US2006249131 AA, US2006249131 AA, FR1581603 A, FR1581603 A, EP1749179 A1, EP1749179, EP1612502 A1, EP1612502, EP1589312 A1, EP1589312, EP0754926 A2, EP0754926 A2, EP0361050 A1, EP0361050, EP0290031 A1, EP0290031, EP0272399 A1, EP0272399, EP0210713 A1, EP0210713, DE4206644 A1, DE4206644, DE3838758 A1, DE3838758, DE2448313 C1, DE2448313 C1, CN201837306 U, CN101660886 A, CN101660886 A,

Abstract:

A device (1) for feeding medium-calibre ammunition, intended for a turret mounted on an armoured vehicle, characterised in that the structural elements for guided and pulled delivery successively comprise a first conveyor (31), a first ratchet casing (41), a second conveyor (32) and a second ratchet casing (42), said rotating circular plate and said structural elements for guided and pulled delivery all being covered with a protection made from metal sheet on the side faces of same and/or on a top portion or roof, said protection made from metal sheet having movable flaps mounted in a rotating or pivoting manner (23, 24, 28, 33, 34, 35), allowing partial or total ergonomic (re)loading and/or unloading of medium-calibre ammunition (2) into/from the rotating circular plate (21, 22), either

when the vehicle is stationary or when it is moving, from the inside and/or the outside of the turret and access to the medium-calibre ammunition (2) or (re)loading and/or unloading of same into/from the conveyors (31, 32).

