

Title (en)

Military equipment comprising a turret provided with a mainly external gun.

Title (de)

Militärische Einrichtung mit Panzerturm, der mit einer aussen liegenden Hauptwaffe versehen ist.

Title (fr)

Matériel militaire comportant une tourelle munie d'une arme principale extérieure.

Publication

EP 0125176 A1 19841114 (FR)

Application

EP 84400890 A 19840503

Priority

FR 8308013 A 19830509

Abstract (en)

[origin: ES8505101A1] The military equipment comprises a turret mounted for rotation about a vertical axis and supporting, by means of a swivelling device with horizontal axis, a main heavy gun totally external to the turret, having its own shield and situated approximately in a plane passing through the axis of rotation of the turret. The swivelling device comprises two lateral supports surrounding the gun and supporting the latter via bearings so as to define an elevation axis situated behind the rotational axis of the turret. One of the supports and the shield of the gun have oppositely situated openings for forming a protected channel for a gun loading system supplying the gun with rounds of ammunition from inside the turret. The feed system constitutes a unitary assembly. It has a frame secured in the gun shield on which a carriage is transversely movable between a position where an ammunition cradle supported by the carriage is aligned with a weapon and a position lateral to the weapon. The loading cradle is movable between a rear position for transport by the carriage and a front position accessible from inside the turret for placing a piece of ammunition therein.

Abstract (fr)

Le matériel comporte une tourelle, portant, par un dispositif de tourillonnement à axe horizontal, une arme principale (14) totalement extérieure à la tourelle, munie d'un blindage propre (16). Le dispositif de tourillonnement comprend deux supports latéraux (12) encadrant l'arme et recevant des tourillons portés par celle-ci pour définir un axe de site. L'un des supports et le blindage de l'arme ont des ouvertures en regard (20) pour constituer un couloir d'alimentation protégé pour un système d'approvisionnement coup par coup de l'arme en munitions, depuis l'intérieur de la tourelle.

IPC 1-7

F41H 7/06; **F41F 9/06**

IPC 8 full level

F41A 9/20 (2006.01); **F41A 9/43** (2006.01)

CPC (source: EP US)

F41A 9/20 (2013.01 - EP US); **F41A 9/43** (2013.01 - EP US)

Citation (search report)

- [AD] EP 0023441 A1 19810204 - HISPANO SUIZA SA [FR]
- [A] FR 1099576 A 19550907

Cited by

EP0557751A3; US5105716A

Designated contracting state (EPC)

AT BE CH DE FR IT LI SE

DOCDB simple family (publication)

EP 0125176 A1 19841114; **EP 0125176 B1 19870729**; AT E28703 T1 19870815; BR 8402163 A 19841218; CA 1245496 A 19881129; DE 3465145 D1 19870903; ES 532037 A0 19850516; ES 8505101 A1 19850516; FR 2545920 A1 19841116; FR 2545920 B1 19850705; MX 160375 A 19900213; US 4617852 A 19861021; ZA 843457 B 19850626

DOCDB simple family (application)

EP 84400890 A 19840503; AT 84400890 T 19840503; BR 8402163 A 19840508; CA 453382 A 19840502; DE 3465145 T 19840503; ES 532037 A 19840430; FR 8308013 A 19830509; MX 20129584 A 19840509; US 60848884 A 19840508; ZA 843457 A 19840508