

Title (en)
TURRET FOR A MILITARY VEHICLE

Title (de)
TURM FÜR EIN MILITÄRFAHRZEUG

Title (fr)
TOURELLE POUR VEHICULE MILITAIRE

Publication
EP 1468240 A1 20041020 (FR)

Application
EP 03731737 A 20030122

Priority
• FR 0300214 W 20030122
• FR 0200731 A 20020122

Abstract (en)
[origin: WO03062732A1] The invention relates to a turret (1) for a mobile military vehicle which is mobile in a directional angle in relation to said vehicle and which bears an elevating mass (2), comprising a canon (4) which is oriented in situ. The elevating mass (2) is mounted in the turret (1) with the aid of a connecting interface (3) ensuring the tightness of said mass in relation to the outside environment of the turret, said interface (3) ensuring the mobility in situ of said canon. The interface is made up of an closed casing (3) inside which the weapon can slide during the firing of ammunition. Said casing is moveably mounted in situ in said turret. The casing (3) is integral with the tower (1) via an outer trunnion (7) and an inner trunnion. The invention can be used to support a medium caliber canon.

IPC 1-7
F41A 27/10; **F41H 7/03**

IPC 8 full level
F41A 27/10 (2006.01); **F41H 7/03** (2006.01)

CPC (source: EP US)
F41A 27/10 (2013.01 - EP US); **F41H 7/03** (2013.01 - EP US)

Citation (search report)
See references of WO 03062732A1

Cited by
WO2018142047A1; FR3062474A1; US11156417B2; WO2017211911A1; EP3306259A1; US10712115B2

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

DOCDB simple family (publication)
WO 03062732 A1 20030731; AT E463712 T1 20100415; DE 60332000 D1 20100520; EP 1468240 A1 20041020; EP 1468240 B1 20100407; FR 2835048 A1 20030725; FR 2835048 B1 20060616; IL 162918 A0 20051120; IL 162918 A 20101230; US 2005115396 A1 20050602; US 7021189 B2 20060404

DOCDB simple family (application)
FR 0300214 W 20030122; AT 03731737 T 20030122; DE 60332000 T 20030122; EP 03731737 A 20030122; FR 0200731 A 20020122; IL 16291803 A 20030122; IL 16291804 A 20040708; US 50140804 A 20040715