

Title (en)
ARMOURED TURRET

Publication
EP 0417387 B1 19921216 (DE)

Application
EP 90107796 A 19900425

Priority
DE 3930256 A 19890911

Abstract (en)
[origin: EP0417387A1] The invention relates to an armoured turret having an armoured turret housing (9) and massive front armouring (6), in which a pivotably mounted barrel weapon (1) with a diaphragm (5), cradle (2), return device and rear breech housing is arranged. <??>An ever greater projectile momentum is demanded of tank guns of the latest kind. As a result of this, the load forces for the turret and vehicle become increasingly higher and the return travels ever longer. To keep forces and travels small, the return mass has to be increased. But additional weights increase the design of the whole in a disadvantageous way. <??>According to the invention, to increase the return mass, it is proposed that existing functional parts, such as, for example, the turret-housing armouring (9) or the massive front armouring (6), be included at least partially in the return mass and, for this purpose, be mounted on the turret turntable device or within the remaining turret housing (9) so as to be displaceable (38) in the longitudinal direction of the weapon barrel or in the horizontal direction. <IMAGE>

IPC 1-7
F41H 5/20

IPC 8 full level
F41A 25/00 (2006.01); **F41H 5/20** (2006.01); **F41H 7/04** (2006.01)

CPC (source: EP US)
F41A 25/00 (2013.01 - EP US); **F41H 5/20** (2013.01 - EP US); **F41H 7/04** (2013.01 - EP US)

Cited by
CN111692425A; EP0989379A1; FR2783909A1

Designated contracting state (EPC)
CH DE FR GB IT LI

DOCDB simple family (publication)
EP 0417387 A1 19910320; EP 0417387 B1 19921216; DE 3930256 A1 19910314; DE 59000605 D1 19930128; US 5105715 A 19920421

DOCDB simple family (application)
EP 90107796 A 19900425; DE 3930256 A 19890911; DE 59000605 T 19900425; US 57963290 A 19900910