

Title (en)

Device for coupling a grenade launcher with an automatic rifle

Title (de)

Vorrichtung zur Kopplung eines Granatwerfers mit einem automatischen Gewehr

Title (fr)

Dispositif pour coupler un lance-grenade à un fusil automatique

Publication

EP 1712871 A1 20061018 (EN)

Application

EP 05425213 A 20050413

Priority

EP 05425213 A 20050413

Abstract (en)

A device for coupling a grenade launcher (12) with an automatic rifle (10) comprises a gun fore-end (18) of the automatic rifle (10) integral to a barrel (14) of the automatic rifle and having externally a first portion of mutual shape-coupling means between a frame (36) of the grenade launcher (12) and the gun fore-end (18). A second portion of the mutual coupling means is externally associated to a frame (36) of the grenade launcher (12). The first and second portions mutually slide one inside the other along a direction which is parallel to the barrel (14) of the automatic rifle (10) in order to fasten the grenade launcher (12) to the automatic rifle (10) in a direction which is transversal to the barrel (14) of the automatic rifle (10). The first portion comprises a track (38) directly associated to the gun fore-end (18) and the second portion comprises a sliding seat (40) being defined in a frame (36) of the grenade launcher (12). The sliding seat (40) is capable of being slidably engaged on the track (38) from the front end (38a) to the rear end (38b) of the track.

IPC 8 full level

F41C 27/06 (2006.01)

CPC (source: EP US)

F41C 27/06 (2013.01 - EP US)

Citation (applicant)

US 4733489 A 19880329 - KURAK JOSEPH C [US]

Citation (search report)

- [XAY] US 5198600 A 19930330 - E NAMA DAVID J [US]
- [XY] US 4733489 A 19880329 - KURAK JOSEPH C [US]
- [Y] US 4689911 A 19870901 - WHITE BERNARD C [US]
- [A] US 3641691 A 19720215 - ELLIS PAUL H, et al
- [A] US 6453594 B1 20020924 - GRIFFIN TODD [US]

Cited by

FR2941775A1; RU2702278C1; AU2013266013B2; WO2013173871A1; WO2009062670A1; WO2007091236A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR LV MK YU

DOCDB simple family (publication)

EP 1712871 A1 20061018; EP 1712871 B1 20090527; AT E432454 T1 20090615; CN 1847774 A 20061018; DE 602005014615 D1 20090709; IL 174359 A0 20060801; RU 2006109098 A 20070927; SG 126831 A1 20061129; US 2006272193 A1 20061207

DOCDB simple family (application)

EP 05425213 A 20050413; AT 05425213 T 20050413; CN 200610073058 A 20060412; DE 602005014615 T 20050413; IL 17435906 A 20060316; RU 2006109098 A 20060322; SG 200601662 A 20060314; US 37832106 A 20060320