

Title (en)

Loading device and method for loading a weapon with separated munition and artillery gun with a weapon and a loading device

Title (de)

Ladevorrichtung und Verfahren zum Laden einer Waffe mit geteilter Munition sowie Geschütz mit einer Waffe und einer Ladevorrichtung

Title (fr)

Dispositif de chargement et procédé de chargement d'une arme dotée d'une munition séparée et canon d'artillerie doté d'une arme et d'un dispositif de chargement

Publication

EP 2405227 B1 20160810 (DE)

Application

EP 11173097 A 20110707

Priority

DE 102010017809 A 20100708

Abstract (en)

[origin: EP2405227A2] The device (2) has an attaching surface (3) i.e. planar attaching bar (9), arranged at a front side of a propellant retainer (8). The attaching surface attaches a projectile (1) in a loading chamber of a weapon in an attachment position. An inner contour of the retainer is adapted to an outer counter of propellants (4) such that the propellants planarly lie at the inner counter of the retainer. An outer contour and the inner contour of the retainer are formed in circular arc shape. An end of the bar is pivotably hinged at the front side of the retainer by a hinge. Independent claims are also included for the following: (1) a gun comprising a rear holder (2) a method for loading a weapon by a loading device.

IPC 8 full level

F41A 9/20 (2006.01); **F41A 9/37** (2006.01); **F41A 9/42** (2006.01)

CPC (source: EP)

F41A 9/20 (2013.01); **F41A 9/375** (2013.01); **F41A 9/42** (2013.01)

Citation (opposition)

Opponent : Rheinmetall Waffe Munition GmbH

- GB 2065841 A 19810701 - BOFORS AB
- FR 931240 A 19480220
- US 4157678 A 19790612 - HULTGREN K STEN R [SE], et al
- DE 1578083 A1 19700827 - BUNDESREP DEUTSCHLAND
- GB 308025 A 19290321 - WILLIAM BEARDMORE & COMPANY LT, et al
- EP 0727635 A1 19960821 - GIAT IND SA [FR]
- DE 69605336 T2 20000323 - GIAT IND SA [FR]
- DE 2713965 C2 19890720
- DE 3826350 A1 19900308 - RHEINMETALL GMBH [DE]
- EP 0419762 B1 19930630
- GB 191015035 A 19110626 - HOOLOOSSY MEHMED [TR]
- GB 262858 A 19261216 - BEARDMORE WILLIAM & CO, et al
- DE 69519935 T2 20010607 - BOFORS WEAPON SYSTEMS AB KARLS [SE]
- DE 69807146 T2 20021212 - GIAT IND SA [FR]
- EP 0360776 B1 19931110 - BOFORS AB [SE]

Cited by

EP3875882A1; DE102020106157A1; DE102020106157B4

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 2405227 A2 20120111; **EP 2405227 A3 20150304**; **EP 2405227 B1 20160810**; DE 102010017809 A1 20120112; ES 2600884 T3 20170213

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