

Title (en)

Charge-positioning device for artillery equipment.

Title (de)

Ladevorrichtung für Geschütze.

Title (fr)

Dispositif de mise à poste de l'obus pour matériel d'artillerie.

Publication

EP 0015174 A1 19800903 (FR)

Application

EP 80400115 A 19800124

Priority

FR 7902832 A 19790205

Abstract (en)

1. Automatic ammunition ramming home mechanism (12) : from an initial position outside the weapon (1) to a final position in the breech chamber (15) of a medium- or large-calibre weapon mounted on a cradle (1) and whose chamber contains an ammunition forcing cone (14), mechanism comprising a ramming device continually thrusting the ammunition as far as the forcing cone (14) including at least two means of ramming (16, 17) operating successively, the sum of the travels of each of the means of ramming (16, 17) being equal to the total ramming travel, the mechanism comprising, in combination with the means of ramming (16, 17), a means of feeding (18) the ammunition from the initial position on the side of the weapon to a second axial position behind the chamber of the weapon. The support for the means of ramming (16, 17) being formed of the means of feeding (18) comprising a loading tray (18) in through form elongated in the longitudinal direction of the weapon, mechanism characterized in that the loading tray (18) is secured to an arm (19) on which it can swivel around a pin (20) and mobile radially in relation to the longitudinal direction, the second means (17) of ramming being actuated by the loading tray, after rotating it and after implementing the first means (16) of ramming.

Abstract (fr)

Mécanisme de mise à poste d'une munition comprenant n moyens de refoulement, notamment deux moyens de refoulement (16, 17) dont la somme des courses individuelles est égale à la course de refoulement totale et une civière de chargement (18) qui porte lesdits moyens de refoulement (16,17)

IPC 1-7

F41F 9/00; **F41F 17/16**

IPC 8 full level

F41A 9/14 (2006.01); **F41A 9/42** (2006.01)

CPC (source: EP)

F41A 9/14 (2013.01); **F41A 9/42** (2013.01)

Citation (search report)

- FR 1416176 A 19651029 - BOFORS AB
- FR 1015102 A 19520827 - SCHNEIDER & CIE
- GB 269627 A 19270412 - VICKERS LTD, et al
- GB 703319 A 19540203 - DESMOND WALTER MOLINS, et al
- DE 719768 C 19420416 - SKODA KP
- GB 262858 A 19261216 - BEARDMORE WILLIAM & CO, et al
- US 2830499 A 19580415 - GEORGES EVEN
- FR 425907 A 19110623 - JOSEPH ALBERT DEPORT [FR]
- GB 732789 A 19550629 - DESMOND WALTER MOLINS, et al
- US 3222988 A 19651214 - BULL JAMES T, et al

Cited by

CN104964596A

Designated contracting state (EPC)

DE GB IT SE

DOCDB simple family (publication)

EP 0015174 A1 19800903; **EP 0015174 B1 19830511**; DE 3063002 D1 19830616; FR 2448121 A1 19800829; FR 2448121 B1 19830708

DOCDB simple family (application)

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