

Title (en)

Device for loading large caliber ammunition and driving them back into the magazine

Title (de)

Vorrichtung zum Laden in ein Rohr und Zurückdrängen ins Magazin von grosskalibriger Munition

Title (fr)

Dispositif pour refouler à l'intérieur du tube d'un canon une munition prélevée dans un magasin et pour retirer dudit tube une munition pour la replacer dans le magasin

Publication

EP 0837297 A3 19991222 (FR)

Application

EP 97402413 A 19971014

Priority

FR 9612681 A 19961018

Abstract (en)

[origin: EP0837297A2] A loading/unloading mechanism, designed to load a round (5) into the breech of a gun from a magazine and to unload and return it to the magazine, consists of a drive member (8) which travels in a direction in line with the axis of the gun barrel between rear and forward positions and is equipped with one or more pivoted claws (9). The mechanism incorporates a second axially-moving member (10) which opens the claws (9) radially when travelling in a forward direction relative to the first member and allows them to close when travelling in a rearward direction so that they grip the round (5) and are able to withdrawn it from the barrel for replacing in the magazine. The second member (10) is spring-loaded in an axial direction by lengthwise traction springs (16) which are connected at their rear ends to the member (10) and at their forward ends to pegs (20) connected to the first drive member (8).

IPC 1-7

F41A 9/22

IPC 8 full level

F41A 9/22 (2006.01); **F41A 33/00** (2006.01)

CPC (source: EP)

F41A 9/22 (2013.01); **F41A 33/00** (2013.01)

Citation (search report)

- [A] US 5526730 A 19960618 - ZANGRANDO ROY A [US]
- [A] FR 2493503 A1 19820507 - KRAUSS MAFFEI AG [DE]
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- [A] US 5180879 A 19930119 - SIMON GEORGES H [FR], et al
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- [A] DE 2027586 A1 19701210

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WO2023280940A1

Designated contracting state (EPC)

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