

Title (en)

Automatic rammer for artillery projectiles

Title (de)

Automatischer Ansetzer für Artilleriegeschosse

Title (fr)

Dispositif de refoulement automatique pour projectiles d'artillerie

Publication

EP 0627608 B1 19960117 (DE)

Application

EP 94106530 A 19940427

Priority

DE 4317639 A 19930527

Abstract (en)

[origin: EP0627608A1] An automatic rammer for artillery projectiles having a loading cradle (6) (which is arranged behind the weapon barrel (2) of the gun) and a displacement device for the projectile (1.1), which displacement device has a guide tube (4) which is arranged on the weapon barrel, parallel to the axis of the barrel bore, and on which a toothed rod (rack) (4.3) is arranged via which it can be displaced in the longitudinal direction (V1) by means of a first drive pinion (5.1). In the region behind the end of the weapon barrel, the guide tube (4) has a curved end section (4.1). This is curved forwards through a total of 180° so that the end (4.2) of the end section (4.1) can pivot into the region immediately behind the loading cradle (6). A feed chain (3) is guided within the guide tube (4). This feed chain (3) is stiffly sprung and can be displaced in the guide tube (4) by means of a second drive pinion (5.2) in such a manner that its one end (3.1) moves out of the curved end section (4.2) of the guide tube (4), the front end (3.1) of the feed chain (3) being constructed as a displacement element. <IMAGE>

IPC 1-7

F41A 9/43

IPC 8 full level

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CPC (source: EP)

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Cited by

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EP 0627608 A1 19941207; EP 0627608 B1 19960117; AT E133250 T1 19960215; DE 4317639 A1 19941201; DE 59400087 D1 19960229; NO 301502 B1 19971103; NO 941940 D0 19940525; NO 941940 L 19941128

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