

Title (en)

Automatic cannon.

Title (de)

Maschinenkanone.

Title (fr)

Canon automatique.

Publication

EP 0182148 A2 19860528 (DE)

Application

EP 85113686 A 19851028

Priority

DE 3442110 A 19841117

Abstract (en)

1. Automatic gun with recoil tube for armoured vehicles fixed in a swivel part on the vehicle side and supported on the weapon carrier by means of front, vibration-damped weapon bearings, characterized in that the front weapon bearings (2, 3) are constructed as linear sliding bearings comprising a fixed bearings part (6) and a sliding bearings part (7) and that the latter is supported with respect to the weapon carrier (1) via damping members (16, 17), which act in both movement directions of the tube, the fixed bearing part (6) forming a large-area guideway (11) for the movable bearing part (7) and in this guideway has a recess into which projects a lug (13) on the sliding bearing part (7) and on either side of the recess an abutment (14, 15) is provided for in each case one damping member (16, 17), which is supported with its in each case other end on lug (13).

Abstract (de)

Bei einer Maschinenkanone mit rücklaufendem Rohr, insbesondere für gepanzerte Fahrzeuge, die fahrzeugseitig in einem Schwenkteil fest eingebaut und über vordere, schwingungsgedämpfte Waffenlager am Waffenträger abgestützt ist, wird zur Verbesserung des Trefferergebnisses vorgeschlagen, die vorderen Waffenlager als lineare Gleitlager auszubilden und das gleitende Lagerteil gegenüber dem Waffenträger über Schwingungsdämpfer, die in beiden Laufrichtungen des Rohrs wirksam sind, abzustützen.

IPC 1-7

F41D 11/24; **F41H 7/12**

IPC 8 full level

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