

Title (en)

Method for increasing the hit probability of multiple-tube machine guns.

Title (de)

Verfahren zur Erhöhung der Treffwahrscheinlichkeit von Mehrrohr-Maschinenwaffen.

Title (fr)

Procédé pour augmenter la probabilité d'obtenir un plus grand nombre de coups au but pour des armes automatiques à canons multiples.

Publication

**EP 0254122 A1 19880127 (DE)**

Application

**EP 87109749 A 19870707**

Priority

DE 3623650 A 19860712

Abstract (en)

[origin: US4882974A] A method for increasing the hitting probability of multi-barreled machine weapons, especially for four-gun or gatling-type weapon systems. Through a spreading apart of the middle of hitting point locations of the individual weapon barrels, there can be achieved an improvement in the characteristics of the firing spread. This is attained in that the middle hitting point location of the individual weapon barrels is spread apart in such a manner about the middle hitting point location of all of weapon barrels of a weapon system, that the density of hits remains almost constant at a restrictedly increasing deviation from the middle of the hitting point location of all the weapon barrels. The middle hitting point location of the individual weapon barrels can be spread apart by the amount of the average standard deviation of the firing spread of the individual weapon barrels from the middle hitting point location of all weapon barrels of a weapon system.

Abstract (de)

Um die Treffwahrscheinlichkeit von Mehrrohr-Maschinenwaffensystemen zu erhöhen, wird die mittlere Treffpunktlage von einzelnen Waffenrohren um die mittlere Treffpunktlage aller dieser Waffenrohre eines Waffensystems um den Betrag der mittleren Standardabweichung der Streuung der einzelnen Waffenrohre gespreizt.

IPC 1-7

**F41D 7/00**; **F41G 3/04**

IPC 8 full level

**F41F 1/08** (2006.01); **F41G 3/04** (2006.01)

CPC (source: EP US)

**F41F 1/085** (2013.01 - EP US); **F41G 3/04** (2013.01 - EP US)

Citation (search report)

- [A] FR 859718 A 19401227
- [A] FR 2569832 A1 19860307 - BOFORS AB [SE]
- [AD] DE 2439250 A1 19750227 - GEN ELECTRIC
- [A] FR 805298 A 19361116

Designated contracting state (EPC)

CH DE FR GB IT LI

DOCDB simple family (publication)

**EP 0254122 A1 19880127**; **EP 0254122 B1 19900704**; CA 1281221 C 19910312; DE 3623650 A1 19880114; DE 3763550 D1 19900809; US 4882974 A 19891128

DOCDB simple family (application)

**EP 87109749 A 19870707**; CA 539915 A 19870617; DE 3623650 A 19860712; DE 3763550 T 19870707; US 28533288 A 19881214