

Title (en)

WEAPON STATION THAT CAN BE OPERATED REMOTELY AND METHOD FOR OPERATING A REMOTELY OPERATABLE WEAPON STATION

Title (de)

FERNBEDIENBARE WAFFENSTATION UND VERFAHREN ZUM BETREIBEN EINER FERNBEDIENBAREN WAFFENSTATION

Title (fr)

TOURELLE TÉLÉOPÉRÉE ET PROCÉDÉ DE COMMANDE D'UNE TOURELLE TÉLÉOPÉRÉE

Publication

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Application

EP 16747886 A 20160801

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Abstract (en)

[origin: WO2017045828A1] The invention relates to a remotely operatable weapon station (1) with a weapon (2) mounted in a carriage (3) such that it can be directed in azimuth (A) and elevation (E) for combating a target object. The weapon station (1) comprises at least one drive (4) controllable by a control signal (S, V) for aligning the weapon (2) in azimuth (A) and/or elevation (E), and a control unit (5) for providing the control signal (S, V), wherein the control unit (5) is designed to vary the provided control signal (S) for controlling the weapon (2) for firing a sequence of projectiles in such a way that the fired projectiles of the sequence depict a predetermined projectile pattern (GM) perpendicular to the flight path of the fired projectiles.

IPC 8 full level

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CPC (source: EP)

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Citation (opposition)

Opponent : Krauss-Maffei Wegmann GmbH & Co. KG

- US 4464975 A 19840814 - TERRY EDGAR R [US], et al
- US 2012153021 A1 20120621 - LAUPSTAD KJELL M [NO], et al
- US 4712181 A 19871208 - DAHLBERG KURT [SE]
- US 4244272 A 19810113 - TERRY EDGAR R, et al
- DE 102011050277 A1 20121115 - KRAUSS MAFFEI WEGMANN GMBH & C [DE]
- DE 102006034689 A1 20080131 - RHEINMETALL LANDSYSTEME GMBH [DE]
- KR 20120064429 A 20120619 - SAMSUNG TECHWIN CO LTD [KR]
- DE 3531596 A1 19860306 - BOFORS AB [SE]
- DE 10346001 A1 20050504 - BUCK NEUE TECHNOLOGIEN GMBH [DE]
- EP 0313536 A1 19890426 - BOFORS AB [SE]
- WO 2011149350 A1 20111201 - TNO [NL], et al
- DE 1553994 A1 19690828 - THOMSON HOUSTON COMP FRANCAISE
- US 5212672 A 19930518 - LOISCH JULIUS A [US], et al
- CH 667523 A5 19881014 - OERLIKON BUEHRLE AG
- US 2015330744 A1 20151119 - MULLER SYLVAIN [FR]
- JP 2009293865 A 20091217 - SUMITOMO HEAVY INDUSTRIES
- US 2014251123 A1 20140911 - VENEMA BENJAMIN JOSEPH [US]
- US 6973865 B1 20051213 - DUSELIS ULDIS [US], et al
- WO 03006916 A1 20030123 - METAL STORM LTD [AU], et al
- DE 102014019199 A1 20160623 - DIEHL BGT DEFENCE GMBH & CO KG [DE]
- US 2015247704 A1 20150903 - LEVILLY PHILIPPE [FR]
- US 3974740 A 19760817 - BILLOTTET HENRI, et al
- RU 2564686 C1 20151010 - EFANOV VASILIJ VASIL EVICH [RU], et al
- US 7752952 B1 20100713 - HOHIL MYRON [US], et al
- US 9074847 B1 20150707 - SULLIVAN JACOB RYAN [US], et al
- US 2011288804 A1 20111124 - LEE DONG HEE [KR], et al
- EP 2208958 A2 20100721 - KONGSBERG DEFENCE & AEROSPACE [NO]
- WO 2010082974 A2 20100722 - U S ARMY RDECOM ARDEC [US], et al
- US 2010237147 A1 20100923 - HEUER JUERGEN [DE]
- SE 468868 B 19930329 - BOFORS AB [SE]
- DE 2439250 A1 19750227 - GEN ELECTRIC
- EP 3367044 B1 20200624 - SWAROVSKI OPTIK KG [AT]
- STUTZ WALTER: "Schiesslehre", 1959, BIRKHÄUSER, Basel, Stuttgart, pages: 1 - 93, XP055838919
- "Waffentechnisches Taschenbuch", RHEINMETALL GMBH, Düsseldorf, pages: 179 - 209, XP055838926
- OGORKIEWICZ, RICHARD M.: "Technologie der Panzer II", Wien, article "IX. Feuerleitanlagen für Panzer", pages: 258 - 269, XP055838978
- "Typical anti-aircraft fire control systems. Part G", SAN FRANCISCO MARITIME NATIONAL PARK ASSOCIATION, 2013, XP055838923

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