

| Symbol | Typ | Titel |
|------------------|---------------------|---|
| F | Sektion | SECTION F — MECHANICAL ENGINEERING; LIGHTING; HEATING; WEAPONS; BLASTING |
| F41 | Untersektion | WEAPONS; BLASTING |
| F41 | Klasse | WEAPONS |
| F41A | Unterklasse | FUNCTIONAL FEATURES OR DETAILS COMMON TO BOTH SMALLARMS AND ORDNANCE, e.g. CANNONS; MOUNTINGS FOR SMALLARMS OR ORDNANCE [5] |
| F41A 1/00 | Hauptgruppe | Missile propulsion characterised by the use of explosive or combustible propellant charges (projecting missiles without use of explosive or combustible propellant charge F41B; launching rockets or torpedoes F41F 3/00; missile self-propulsion F42B 15/00) [5] |
| F41A 1/02 | 1-Punkt Untergruppe | . Hypervelocity missile propulsion using successive means for increasing the propulsive force, e.g. using successively initiated propellant charges arranged along the barrel length; Multistage missile propulsion [5] |
| F41A 1/04 | 1-Punkt Untergruppe | . Missile propulsion using the combustion of a liquid or gaseous fuel, e.g. hypergolic fuel [5] |
| F41A 1/06 | 1-Punkt Untergruppe | . Adjusting the range without varying elevation angle or propellant charge data, e.g. by venting a part of the propulsive charge gases, or by adjusting the capacity of the cartridge or combustion chamber [5] |
| F41A 1/08 | 1-Punkt Untergruppe | . Recoilless guns, i.e. guns having propulsion means producing no recoil [5] |
| F41A 1/10 | 2-Punkt Untergruppe | . . a counter projectile being used to balance recoil [5] |
| F41A 3/00 | Hauptgruppe | Breech mechanism, e.g. locks [5] |
| F41A 3/02 | 1-Punkt Untergruppe | . Block action, i.e. the main breech opening movement being transverse to the barrel axis [5] |
| F41A 3/04 | 2-Punkt Untergruppe | . . with pivoting breech-block [5] |
| F41A 3/06 | 3-Punkt Untergruppe | . . . about a horizontal axis transverse to the barrel axis at the rear of the block (F41A 3/08 takes precedence) [5] |
| F41A 3/08 | 3-Punkt Untergruppe | . . . carrying a rotably mounted obturating plug of the screw-thread or the interrupted-thread type (F41A 3/30 takes precedence) [5] |
| F41A 3/10 | 2-Punkt Untergruppe | . . with sliding breech-block, e.g. vertically [5] |
| F41A 3/12 | 1-Punkt Untergruppe | . Bolt action, i.e. the main breech opening movement being parallel to the barrel axis [5] |
| F41A 3/14 | 2-Punkt Untergruppe | . . Rigid bolt locks, i.e. having locking elements rigidly mounted on the bolt or bolt handle and on the barrel or breech-housing respectively [5] |
| F41A 3/16 | 3-Punkt Untergruppe | . . . the locking elements effecting a rotary movement about the barrel axis, e.g. rotating cylinder bolt locks [5] |
| F41A 3/18 | 4-Punkt Untergruppe | hand-operated [5] |
| F41A 3/20 | 5-Punkt Untergruppe | Straight-pull operated bolt locks, i.e. the operating hand effecting only a straight movement parallel to the barrel axis [5] |
| F41A 3/22 | 5-Punkt Untergruppe | the locking being effected by rotating the operating handle or lever transversely to the barrel axis [5] |
| F41A 3/24 | 6-Punkt Untergruppe | the locking elements forming part of the operating handle or lever [5] |
| F41A 3/26 | 4-Punkt Untergruppe | semi-automatically or automatically operated, e.g. having a slidable bolt-carrier and a rotatable bolt [5] |
| F41A 3/28 | 5-Punkt Untergruppe | having fixed locking elements on the non-rotating bolt and rotating locking elements mounted on the barrel or breech housing, e.g. rotatable rings [5] |
| F41A 3/30 | 4-Punkt Untergruppe | Interlocking means, e.g. locking lugs, screw threads [5] |

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| F41A 3/32 | 3-Punkt Untergruppe | . . . the bolt being rocked about a notional axis transverse to the barrel axis [5] |
| F41A 3/34 | 3-Punkt Untergruppe | . . . the bolt additionally effecting a sliding movement transverse to the barrel axis [5] |
| F41A 3/36 | 2-Punkt Untergruppe | . . Semi-rigid bolt locks, i.e. having locking elements movably mounted on the bolt or on the barrel or breech housing [5] |
| F41A 3/38 | 3-Punkt Untergruppe | . . . having rocking locking elements, e.g. pivoting levers or vanes [5] |
| F41A 3/40 | 4-Punkt Untergruppe | mounted on the bolt (F41A 3/42 takes precedence) [5] |
| F41A 3/42 | 4-Punkt Untergruppe | hand-operated [5] |
| F41A 3/44 | 3-Punkt Untergruppe | . . . having sliding locking elements, e.g. balls, rollers [5] |
| F41A 3/46 | 4-Punkt Untergruppe | mounted on the bolt (F41A 3/48 takes precedence) [5] |
| F41A 3/48 | 4-Punkt Untergruppe | hand-operated [5] |
| F41A 3/50 | 3-Punkt Untergruppe | . . . Toggle-joint locks, e.g. crank-operated [5] |
| F41A 3/52 | 4-Punkt Untergruppe | hand-operated [5] |
| F41A 3/54 | 2-Punkt Untergruppe | . . Bolt locks of the unlocked type, i.e. being inertia operated [5] |
| F41A 3/56 | 3-Punkt Untergruppe | . . . the bolt being provided with an additional slidable mass [5] |
| F41A 3/58 | 1-Punkt Untergruppe | . Breakdown breech mechanisms, e.g. for shotguns [5] |
| F41A 3/60 | 1-Punkt Untergruppe | . Breech mechanisms for guns having two or more barrels (F41A 3/58 takes precedence; for revolving-cannon guns F41F 1/10) [5] |
| F41A 3/62 | 1-Punkt Untergruppe | . using combustion gas pressure for adding to the mechanical locking action, or for delaying breech opening movement [5] |
| F41A 3/64 | 1-Punkt Untergruppe | . Mounting of breech-blocks; Accessories for breech-blocks or breech-block mountings [5] |
| F41A 3/66 | 2-Punkt Untergruppe | . . Breech housings or frames; Receivers [5] |
| F41A 3/68 | 2-Punkt Untergruppe | . . Bolt stops, i.e. means for limiting bolt opening movement [5] |
| F41A 3/70 | 2-Punkt Untergruppe | . . Anti-rebound arrangements, i.e. preventing rebound of the bolt out of the firing position [5] |
| F41A 3/72 | 2-Punkt Untergruppe | . . Operating handles or levers; Mounting thereof in breech-blocks or bolts [5] |
| F41A 3/74 | 2-Punkt Untergruppe | . . Obturating or packing devices for gas leak prevention in breech mechanisms [5] |
| F41A 3/76 | 3-Punkt Untergruppe | . . . specially adapted for sealing the gap between the forward end of the cartridge chamber and the rearward end of the barrel, e.g. sealing devices for revolvers or revolver-type guns [5] |
| F41A 3/78 | 2-Punkt Untergruppe | . . Bolt buffer or recuperator means [5] |
| F41A 3/80 | 3-Punkt Untergruppe | . . . Adjustable spring buffers [5] |
| F41A 3/82 | 3-Punkt Untergruppe | . . . Coil spring buffers (F41A 3/80 takes precedence) [5] |
| F41A 3/84 | 4-Punkt Untergruppe | mounted within the gun stock [5] |
| F41A 3/86 | 4-Punkt Untergruppe | mounted under the barrel [5] |
| F41A 3/88 | 4-Punkt Untergruppe | mounted around the barrel [5] |
| F41A 3/90 | 3-Punkt Untergruppe | . . . Fluid buffers [5] |

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| F41A 3/92 | 4-Punkt Untergruppe | adjustable [5] |
| F41A 3/94 | 4-Punkt Untergruppe | in combination with spring buffers [5] |
| F41A 5/00 | Hauptgruppe | Mechanisms or systems operated by propellant charge energy for automatically opening the lock [5] |
| F41A 5/02 | 1-Punkt Untergruppe | . recoil-operated [5] |
| F41A 5/04 | 2-Punkt Untergruppe | . . the barrel being tilted during recoil [5] |
| F41A 5/06 | 2-Punkt Untergruppe | . . the barrel being rotated about its longitudinal axis during recoil [5] |
| F41A 5/08 | 2-Punkt Untergruppe | . . having an accelerator lever acting on the breech-block or bolt during the opening movement [5] |
| F41A 5/10 | 2-Punkt Untergruppe | . . having a movable inertia weight [5] |
| F41A 5/12 | 3-Punkt Untergruppe | . . . mounted in a gun having a fixed barrel [5] |
| F41A 5/14 | 2-Punkt Untergruppe | . . Barrel stops, i.e. devices for holding the recoiling barrel in a predetermined position, e.g. the recoil position [5] |
| F41A 5/16 | 2-Punkt Untergruppe | . . having a barrel moving forwardly after the firing of a shot [5] |
| F41A 5/18 | 1-Punkt Untergruppe | . gas-operated [5] |
| F41A 5/20 | 2-Punkt Untergruppe | . . using a gas piston arranged concentrically around the barrel [5] |
| F41A 5/22 | 2-Punkt Untergruppe | . . having two or more gas pistons [5] |
| F41A 5/24 | 2-Punkt Untergruppe | . . by direct action of gas pressure on bolt or locking elements [5] |
| F41A 5/26 | 2-Punkt Untergruppe | . . Arrangements or systems for bleeding the gas from the barrel (F41A 5/20-F41A 5/24 take precedence) [5] |
| F41A 5/28 | 3-Punkt Untergruppe | . . . Adjustable systems [5] |
| F41A 5/30 | 1-Punkt Untergruppe | . Gas- or recoil-operation, e.g. selection of gas- or recoil-operated systems [5] |
| F41A 5/32 | 1-Punkt Untergruppe | . Energy accumulator systems, i.e. systems for opening the breech-block by energy accumulated during barrel or gas piston recoil [5] |
| F41A 5/34 | 2-Punkt Untergruppe | . . with spring accumulators [5] |
| F41A 5/36 | 2-Punkt Untergruppe | . . with fluid accumulators [5] |
| F41A 7/00 | Hauptgruppe | Auxiliary mechanisms for bringing the breech-block or bolt or the barrel to the starting position before automatic firing (operating handles or levers F41A 3/00); Drives for externally-powered guns (revolving-cannon guns F41F 1/00); Remote-controlled gun chargers [5] |
| F41A 7/02 | 1-Punkt Untergruppe | . Machine-gun rechargers, e.g. manually operated [5] |
| F41A 7/04 | 2-Punkt Untergruppe | . . fluid operated [5] |
| F41A 7/06 | 2-Punkt Untergruppe | . . electrically operated [5] |
| F41A 7/08 | 1-Punkt Untergruppe | . Drives for externally-powered guns, i.e. drives for moving the breech-block or bolt by an external force during automatic firing [5] |
| F41A 7/10 | 2-Punkt Untergruppe | . . using a rotating cylindrical drum having a camming groove [5] |
| F41A 9/00 | Hauptgruppe | Feeding or loading of ammunition (adaptations for feeding or loading missiles from magazines in air guns F41B 11/02); Magazines; Guiding means for the extracting of cartridges (cartridge extractors or ejectors F41A 15/00) [5] |
| F41A 9/01 | 1-Punkt Untergruppe | . Feeding of unbelted ammunition [5] |

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| F41A 9/02 | 2-Punkt Untergruppe | . . using wheel conveyers, e.g. star-wheel-shaped conveyers [5] |
| F41A 9/03 | 2-Punkt Untergruppe | . . using screw or rotary-spiral conveyers [5] |
| F41A 9/04 | 2-Punkt Untergruppe | . . using endless-chain belts carrying a plurality of ammunition [5] |
| F41A 9/05 | 3-Punkt Untergruppe | . . . in tandem sequence [5] |
| F41A 9/06 | 2-Punkt Untergruppe | . . using cyclically moving conveyers, i.e. conveyers having ammunition pusher or carrier elements which are emptied or disengaged from the ammunition during the return stroke [5] |
| F41A 9/07 | 3-Punkt Untergruppe | . . . Reciprocating conveyers, i.e. conveyers pushing a plurality of ammunition during the feeding stroke [5] |
| F41A 9/09 | 3-Punkt Untergruppe | . . . Movable ammunition carriers or loading trays, e.g. for feeding from magazines [5] |
| F41A 9/10 | 4-Punkt Untergruppe | pivoting or swinging [5] |
| F41A 9/11 | 5-Punkt Untergruppe | in a horizontal plane [5] |
| F41A 9/12 | 6-Punkt Untergruppe | mounted within a smallarm [5] |
| F41A 9/13 | 5-Punkt Untergruppe | in a vertical plane [5] |
| F41A 9/14 | 6-Punkt Untergruppe | transverse to the barrel axis [5] |
| F41A 9/15 | 7-Punkt Untergruppe | mounted within a smallarm [5] |
| F41A 9/16 | 6-Punkt Untergruppe | parallel to the barrel axis [5] |
| F41A 9/17 | 7-Punkt Untergruppe | mounted within a smallarm [5] |
| F41A 9/18 | 8-Punkt Untergruppe | feeding from a magazine under the barrel [5] |
| F41A 9/19 | 8-Punkt Untergruppe | feeding from a magazine mounted in the stock [5] |
| F41A 9/20 | 4-Punkt Untergruppe | sliding, e.g. reciprocating [5] |
| F41A 9/21 | 5-Punkt Untergruppe | in a vertical direction (F41A 9/23 takes precedence) [5] |
| F41A 9/22 | 5-Punkt Untergruppe | in a horizontal direction (F41A 9/23 takes precedence) [5] |
| F41A 9/23 | 5-Punkt Untergruppe | mounted within a smallarm [5] |
| F41A 9/24 | 2-Punkt Untergruppe | . . using a movable magazine or clip as feeding element [5] |
| F41A 9/25 | 3-Punkt Untergruppe | . . . using a sliding clip [5] |
| F41A 9/26 | 3-Punkt Untergruppe | . . . using a revolving drum magazine [5] |
| F41A 9/27 | 4-Punkt Untergruppe | in revolver-type guns [5] |
| F41A 9/28 | 5-Punkt Untergruppe | of smallarm type (in revolvers F41C 3/14) [5] |
| F41A 9/29 | 1-Punkt Untergruppe | . Feeding of belted ammunition [5] |
| F41A 9/30 | 2-Punkt Untergruppe | . . Sprocket-type belt transporters [5] |
| F41A 9/31 | 3-Punkt Untergruppe | . . . with cartridge stripping means [5] |
| F41A 9/32 | 2-Punkt Untergruppe | . . Reciprocating-slide-type belt transporters [5] |
| F41A 9/33 | 3-Punkt Untergruppe | . . . with cartridge stripping means [5] |

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| F41A 9/34 | 2-Punkt Untergruppe | . . from magazines (magazines for belted ammunition <u>per se</u> F41A 9/79) [5] |
| F41A 9/35 | 1-Punkt Untergruppe | . Feeding multibarrel guns [5] |
| F41A 9/36 | 2-Punkt Untergruppe | . . Feed mechanisms for revolving-cannon guns [5] |
| F41A 9/37 | 1-Punkt Untergruppe | . Feeding two or more kinds of ammunition to the same gun; Feeding from two sides [5] |
| F41A 9/38 | 1-Punkt Untergruppe | . Loading arrangements, i.e. for bringing the ammunition into the firing position [5] |
| F41A 9/39 | 2-Punkt Untergruppe | . . Ramming arrangements [5] |
| F41A 9/40 | 3-Punkt Untergruppe | . . . the breech-block itself being the rammer [5] |
| F41A 9/41 | 4-Punkt Untergruppe | pushing unbelted ammunition from a box magazine on the gun frame into the cartridge chamber [5] |
| F41A 9/42 | 3-Punkt Untergruppe | . . . Rammers separate from breech-block [5] |
| F41A 9/43 | 4-Punkt Untergruppe | Chain rammers [5] |
| F41A 9/44 | 4-Punkt Untergruppe | Fluid-operated piston rammers [5] |
| F41A 9/45 | 2-Punkt Untergruppe | . . the cartridge chamber or the barrel as a whole being tiltable between a loading and a firing position [5] |
| F41A 9/46 | 2-Punkt Untergruppe | . . the cartridge chamber being formed by two complementary elements, movable one relative to the other for loading [5] |
| F41A 9/47 | 2-Punkt Untergruppe | . . using forwardly-sliding barrels or barrel parts for loading [5] |
| F41A 9/48 | 2-Punkt Untergruppe | . . by gravitational force [5] |
| F41A 9/49 | 1-Punkt Untergruppe | . Internally-powered drives, i.e. operated by propellant charge energy, e.g. couplings, clutches, energy accumulators [5] |
| F41A 9/50 | 1-Punkt Untergruppe | . External power or control systems [5] |
| F41A 9/51 | 2-Punkt Untergruppe | . . Boosters, i.e. externally-powered motors [5] |
| F41A 9/52 | 1-Punkt Untergruppe | . Arrangements for changing from automatic or magazine-loading to hand-loading [5] |
| F41A 9/53 | 1-Punkt Untergruppe | . Charged-condition indicators, i.e. indicating the presence of a cartridge in the cartridge chamber [5] |
| F41A 9/54 | 1-Punkt Untergruppe | . Cartridge guides, stops or positioners, e.g. for cartridge extraction [5] |
| F41A 9/55 | 2-Punkt Untergruppe | . . Fixed guiding means, mounted on, or near, the cartridge chamber [5] |
| F41A 9/56 | 2-Punkt Untergruppe | . . Movable guiding means [5] |
| F41A 9/57 | 3-Punkt Untergruppe | . . . Flexible chutes, e.g. for guiding belted ammunition from the magazine to the gun [5] |
| F41A 9/58 | 2-Punkt Untergruppe | . . Cartridge stops; Cartridge positioners [5] |
| F41A 9/59 | 1-Punkt Untergruppe | . Ejectors for clips or magazines, e.g. when empty [5] |
| F41A 9/60 | 1-Punkt Untergruppe | . Empty-cartridge-case or belt-link collectors or catchers (F41A 9/81 takes precedence) [5] |
| F41A 9/61 | 1-Punkt Untergruppe | . Magazines [5] |
| F41A 9/62 | 2-Punkt Untergruppe | . . having means for indicating the number of cartridges left in the magazine, e.g. last-round indicators (last-round safeties F41A 17/40) [5] |
| F41A 9/63 | 2-Punkt Untergruppe | . . specially adapted for releasable connection with other magazines [5] |

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| F41A 9/64 | 2-Punkt Untergruppe | . . for unbelted ammunition [5] |
| F41A 9/65 | 3-Punkt Untergruppe | . . . Box magazines having a cartridge follower [5] |
| F41A 9/66 | 4-Punkt Untergruppe | Arrangements thereon for charging, i.e. reloading (apparatus or tools for reloading magazines F41A 9/83) [5] |
| F41A 9/67 | 5-Punkt Untergruppe | having means for depressing the cartridge follower, or for locking it in a depressed position [5] |
| F41A 9/68 | 4-Punkt Untergruppe | Plural magazines, e.g. tandem magazines [5] |
| F41A 9/69 | 4-Punkt Untergruppe | characterised by multiple-row or zigzag arrangement of cartridges [5] |
| F41A 9/70 | 4-Punkt Untergruppe | Arrangements thereon for discharging, e.g. cartridge followers or discharge throats [5] |
| F41A 9/71 | 4-Punkt Untergruppe | Arrangements thereon for varying capacity; Adapters or inserts for changing cartridge size or type [5] |
| F41A 9/72 | 3-Punkt Untergruppe | . . . Tubular magazines, i.e. magazines containing the ammunition in lengthwise tandem sequence [5] |
| F41A 9/73 | 3-Punkt Untergruppe | . . . Drum magazines [5] |
| F41A 9/74 | 4-Punkt Untergruppe | with radially disposed cartridges [5] |
| F41A 9/75 | 4-Punkt Untergruppe | having a spiral cartridge channel [5] |
| F41A 9/76 | 3-Punkt Untergruppe | . . . Magazines having an endless-chain conveyer [5] |
| F41A 9/77 | 3-Punkt Untergruppe | . . . Magazines having a screw conveyer [5] |
| F41A 9/78 | 3-Punkt Untergruppe | . . . Magazines having a reciprocating conveyer [5] |
| F41A 9/79 | 2-Punkt Untergruppe | . . for belted ammunition [5] |
| F41A 9/80 | 3-Punkt Untergruppe | . . . having provision for quick-coupling of the belts of adjacent magazines [5] |
| F41A 9/81 | 3-Punkt Untergruppe | . . . having provision for collecting belt links or empty cartridge cases [5] |
| F41A 9/82 | 1-Punkt Untergruppe | . Reloading of magazines [5] |
| F41A 9/83 | 2-Punkt Untergruppe | . . Apparatus or tools for reloading magazines with unbelted ammunition, e.g. cartridge clips [5] |
| F41A 9/84 | 3-Punkt Untergruppe | . . . Clips [5] |
| F41A 9/85 | 4-Punkt Untergruppe | for reloading revolver-type magazines [5] |
| F41A 9/86 | 2-Punkt Untergruppe | . . Feeding belted ammunition into magazines [5] |
| F41A 9/87 | 1-Punkt Untergruppe | . Ammunition handling dollies or transfer carts (F41A 9/86 takes precedence) [5] |
| F41A 11/00 | Hauptgruppe | Assembly or disassembly features; Modular concepts; Articulated or collapsible guns (F41A 3/64, F41A 19/10-F41A 19/15, F41A 21/48, F41A 25/26 take precedence) [5] |
| F41A 11/02 | 1-Punkt Untergruppe | . Modular concepts, e.g. weapon-family concepts [5] |
| F41A 11/04 | 1-Punkt Untergruppe | . Articulated or collapsible guns, i.e. with hinged or telescopic parts for transport or storage (breakdown shotguns or rifles F41C 7/11; folding or telescopic stocks or stock parts F41C 23/04) [5] |
| F41A 11/06 | 2-Punkt Untergruppe | . . Telescopic guns [5] |
| F41A 13/00 | Hauptgruppe | Cooling or heating systems (barrels or gun tubes with fins or ribs F41A 21/00); Blowing-through of gun barrels; Ventilating systems [5] |
| F41A 13/02 | 1-Punkt Untergruppe | . Heating systems [5] |
| F41A 13/04 | 1-Punkt Untergruppe | . Injecting fluids into barrels or cartridge chambers (F41A 13/08 takes precedence) [5] |

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| F41A 13/06 | 1-Punkt Untergruppe | . Evacuating combustion gas from barrels (F41A 13/10 takes precedence) [5] |
| F41A 13/08 | 2-Punkt Untergruppe | . . Bore evacuators, i.e. chambers disposed around barrels for storing part of the combustion gas and subsequently injecting it into the barrel to provide suction [5] |
| F41A 13/10 | 1-Punkt Untergruppe | . Blowers or turbines for evacuating or cooling guns, e.g. driven by combustion gas pressure or recoil [5] |
| F41A 13/12 | 1-Punkt Untergruppe | . Systems for cooling the outer surface of the barrel (F41A 13/10 takes precedence) [5] |
| F41A 15/00 | Hauptgruppe | Cartridge extractors, i.e. devices for pulling cartridges or cartridge cases at least partially out of the cartridge chamber; Cartridge ejectors, i.e. devices for throwing the extracted cartridges or cartridge cases free of the gun (F41A 9/54 takes precedence) [5] |
| F41A 15/02 | 1-Punkt Untergruppe | . for revolver-type guns, e.g. revolvers [5] |
| F41A 15/04 | 1-Punkt Untergruppe | . specially adapted for cartridge cases being deformed when fired, e.g. of plastics [5] |
| F41A 15/06 | 1-Punkt Untergruppe | . for breakdown guns [5] |
| F41A 15/08 | 1-Punkt Untergruppe | . for block-action guns [5] |
| F41A 15/10 | 2-Punkt Untergruppe | . . of sliding-block type [5] |
| F41A 15/12 | 1-Punkt Untergruppe | . for bolt-action guns [5] |
| F41A 15/14 | 2-Punkt Untergruppe | . . the ejector being mounted on, or within, the bolt [5] |
| F41A 15/16 | 2-Punkt Untergruppe | . . the ejector being mounted on the breech housing or frame [5] |
| F41A 15/18 | 1-Punkt Untergruppe | . for guns with forwardly slidable barrels [5] |
| F41A 15/20 | 1-Punkt Untergruppe | . specially adapted for caseless-ammunition duds [5] |
| F41A 15/22 | 1-Punkt Untergruppe | . Tools for extracting cartridges [5] |
| F41A 17/00 | Hauptgruppe | Safety arrangements, e.g. safeties [5] |
| F41A 17/02 | 1-Punkt Untergruppe | . Key-operated safeties [5] |
| F41A 17/04 | 1-Punkt Untergruppe | . Safeties of the combination-lock type (F41A 17/02 takes precedence) [5] |
| F41A 17/06 | 1-Punkt Untergruppe | . Electric or electromechanical safeties (F41A 17/04, F41A 17/08 take precedence) [5] |
| F41A 17/08 | 1-Punkt Untergruppe | . for inhibiting firing in a specified direction, e.g. at a friendly person or at a protected area (F41A 27/02 takes precedence) [5] |
| F41A 17/10 | 2-Punkt Untergruppe | . . Firing mechanisms with elevation stop [5] |
| F41A 17/12 | 2-Punkt Untergruppe | . . Firing mechanisms with anti-canting safety [5] |
| F41A 17/14 | 1-Punkt Untergruppe | . Double-loading prevention [5] |
| F41A 17/16 | 1-Punkt Untergruppe | . Cook-off prevention, i.e. prevention of spontaneous firing of a cartridge by chamber wall heat [5] |
| F41A 17/18 | 1-Punkt Untergruppe | . Hang-fire prevention [5] |
| F41A 17/20 | 1-Punkt Untergruppe | . Grip or stock safeties, i.e. safeties disengaged by clasping the grip or stock (thumb-operated sliding safeties F41A 17/52, F41A 17/62, F41A 17/70, F41A 17/80) [5] |
| F41A 17/22 | 2-Punkt Untergruppe | . . acting on the trigger [5] |
| F41A 17/24 | 2-Punkt Untergruppe | . . acting on the firing pin [5] |
| F41A 17/26 | 2-Punkt Untergruppe | . . acting on the hammer [5] |

| Symbol | Typ | Titel |
|-------------------|---------------------|---|
| F41A 17/28 | 2-Punkt Untergruppe | . . acting on the sear [5] |
| F41A 17/30 | 1-Punkt Untergruppe | . Multiple safeties, i.e. safeties acting on at least one element of the firing mechanism and at least one other element of the gun, e.g. the moving barrel [5] |
| F41A 17/32 | 2-Punkt Untergruppe | . . the other element being the breech-block or bolt [5] |
| F41A 17/34 | 1-Punkt Untergruppe | . Magazine safeties [5] |
| F41A 17/36 | 2-Punkt Untergruppe | . . locking the gun in a safety condition when the magazine is empty or removed [5] |
| F41A 17/38 | 2-Punkt Untergruppe | . . locking the magazine in the gun [5] |
| F41A 17/40 | 1-Punkt Untergruppe | . Last-round safeties (F41A 17/34 takes precedence) [5] |
| F41A 17/42 | 1-Punkt Untergruppe | . Safeties for locking the breech-block or bolt in a safety position (F41A 17/32, F41A 17/36, F41A 17/40 take precedence) [5] |
| F41A 17/44 | 1-Punkt Untergruppe | . Safety plugs, e.g. for plugging-up cartridge chambers [5] |
| F41A 17/46 | 1-Punkt Untergruppe | . Trigger safeties, i.e. means for preventing trigger movement (F41A 17/02-F41A 17/40 take precedence) [5] |
| F41A 17/48 | 2-Punkt Untergruppe | . . Automatically operated trigger safeties, i.e. operated by breech opening or closing movement [5] |
| F41A 17/50 | 3-Punkt Untergruppe | . . . by breakdown action [5] |
| F41A 17/52 | 2-Punkt Untergruppe | . . Thumb-operated sliding safeties mounted on the upside of the stock, e.g. for shotguns [5] |
| F41A 17/54 | 2-Punkt Untergruppe | . . Protecting-caps for trigger guards; Trigger locking pieces mounted on, or within, the trigger guard [5] |
| F41A 17/56 | 1-Punkt Untergruppe | . Sear safeties, i.e. means for rendering ineffective an intermediate lever transmitting trigger movement to firing pin, hammer, bolt or sear (F41A 17/02-F41A 17/40 take precedence) [5] |
| F41A 17/58 | 2-Punkt Untergruppe | . . automatically operated, i.e. operated by breech opening or closing movement [5] |
| F41A 17/60 | 3-Punkt Untergruppe | . . . by breakdown action [5] |
| F41A 17/62 | 2-Punkt Untergruppe | . . Thumb-operated sliding safeties mounted on the upside of the stock, e.g. for shotguns [5] |
| F41A 17/64 | 1-Punkt Untergruppe | . Firing-pin safeties, i.e. means for preventing movement of slidably-mounted strikers (F41A 17/02-F41A 17/40 take precedence) [5] |
| F41A 17/66 | 2-Punkt Untergruppe | . . automatically operated, i.e. operated by breech opening or closing movement [5] |
| F41A 17/68 | 3-Punkt Untergruppe | . . . by breakdown action [5] |
| F41A 17/70 | 2-Punkt Untergruppe | . . Thumb-operated sliding safeties mounted on the upside of the stock, e.g. for shotguns [5] |
| F41A 17/72 | 2-Punkt Untergruppe | . . trigger-operated, i.e. the movement of the trigger bringing a firing-pin safety into inoperative position during the firing [5] |
| F41A 17/74 | 1-Punkt Untergruppe | . Hammer safeties, i.e. for preventing the hammer from hitting the cartridge or the firing pin (F41A 17/02-F41A 17/40 take precedence) [5] |
| F41A 17/76 | 2-Punkt Untergruppe | . . automatically operated, i.e. operated by breech opening or closing movement [5] |
| F41A 17/78 | 3-Punkt Untergruppe | . . . by breakdown action [5] |
| F41A 17/80 | 2-Punkt Untergruppe | . . Thumb-operated sliding safeties mounted on the upside of the stock, e.g. for shotguns [5] |
| F41A 17/82 | 2-Punkt Untergruppe | . . trigger-operated, i.e. the movement of the trigger bringing a hammer safety into inoperative position during firing [5] |
| F41A 19/00 | Hauptgruppe | Firing or trigger mechanisms; Cocking mechanisms [5] |

| Symbol | Typ | Titel |
|------------|---------------------|--|
| F41A 19/01 | 1-Punkt Untergruppe | . Counting means indicating the number of shots fired [5] |
| F41A 19/02 | 2-Punkt Untergruppe | . . Burst limiters (F41A 19/67 takes precedence) [5] |
| F41A 19/03 | 1-Punkt Untergruppe | . Shot-velocity control (F41A 3/78, F41A 5/28, F41A 19/05, F41A 19/66 take precedence) [5] |
| F41A 19/04 | 2-Punkt Untergruppe | . . by regulating the time of release of the firing pin or hammer [5] |
| F41A 19/05 | 1-Punkt Untergruppe | . Synchronising for firing through the propeller of an aircraft [5] |
| F41A 19/06 | 1-Punkt Untergruppe | . Mechanical firing mechanisms (F41A 19/01-F41A 19/05, F41A 19/59 take precedence) [5] |
| F41A 19/07 | 2-Punkt Untergruppe | . . press-button actuated, e.g. with thumb rest [5] |
| F41A 19/08 | 2-Punkt Untergruppe | . . remote actuated; lanyard actuated [5] |
| F41A 19/09 | 2-Punkt Untergruppe | . . Auxiliary trigger devices (F41A 19/08 takes precedence) [5] |
| F41A 19/10 | 2-Punkt Untergruppe | . . Triggers; Trigger mountings [5] |
| F41A 19/11 | 2-Punkt Untergruppe | . . Trigger guards; Trigger-guard mountings (F41A 19/15 takes precedence) [5] |
| F41A 19/12 | 2-Punkt Untergruppe | . . Sears; Sear mountings [5] |
| F41A 19/13 | 2-Punkt Untergruppe | . . Percussion or firing pins, i.e. fixed or slidably- mounted striker elements; Mountings therefor [5] |
| F41A 19/14 | 2-Punkt Untergruppe | . . Hammers, i.e. pivotably-mounted striker elements; Hammer mountings [5] |
| F41A 19/15 | 2-Punkt Untergruppe | . . Modular firing mechanism units [5] |
| F41A 19/16 | 2-Punkt Untergruppe | . . Adjustable firing mechanisms; Trigger mechanisms with adjustable trigger pull (F41A 19/17 takes precedence) [5] |
| F41A 19/17 | 2-Punkt Untergruppe | . . Hair-trigger mechanisms [5] |
| F41A 19/18 | 2-Punkt Untergruppe | . . for multibarrel guns (F41A 19/68 takes precedence) [5] |
| F41A 19/19 | 3-Punkt Untergruppe | . . . with single-trigger firing possibility [5] |
| F41A 19/20 | 4-Punkt Untergruppe | Double-trigger arrangements having the possibility of single-trigger actuation [5] |
| F41A 19/21 | 4-Punkt Untergruppe | having only one trigger [5] |
| F41A 19/22 | 5-Punkt Untergruppe | and only one striker element [5] |
| F41A 19/23 | 6-Punkt Untergruppe | rotatable about an axis parallel to the barrel axis for firing subsequent barrels [5] |
| F41A 19/24 | 2-Punkt Untergruppe | . . Release-trigger mechanisms, i.e. the striker element being released during the return movement of the trigger subsequent to trigger pull [5] |
| F41A 19/25 | 2-Punkt Untergruppe | . . having only slidably-mounted striker elements, i.e. percussion or firing pins [5] |
| F41A 19/26 | 3-Punkt Untergruppe | . . . the percussion or firing pin and the breech-block or bolt forming one piece [5] |
| F41A 19/27 | 3-Punkt Untergruppe | . . . the percussion or firing pin being movable relative to the breech-block [5] |
| F41A 19/28 | 4-Punkt Untergruppe | propelled by a cam or lever when the breech-block or bolt arrives at a closing position [5] |
| F41A 19/29 | 4-Punkt Untergruppe | propelled by a spring under tension [5] |
| F41A 19/30 | 5-Punkt Untergruppe | in bolt-action guns [5] |
| F41A 19/31 | 6-Punkt Untergruppe | Sear arrangements therefor (F41A 19/33 takes precedence) [5] |

| Symbol | Typ | Titel |
|------------|---------------------|--|
| F41A 19/32 | 7-Punkt Untergruppe | for catching the percussion or firing pin after each shot, i.e. in single-shot or semi-automatic firing mode [5] |
| F41A 19/33 | 6-Punkt Untergruppe | Arrangements for the selection of automatic or semi-automatic fire [5] |
| F41A 19/34 | 6-Punkt Untergruppe | Cocking mechanisms [5] |
| F41A 19/35 | 7-Punkt Untergruppe | Double-action mechanisms, i.e. the cocking being effected during the first part of the trigger pull movement [5] |
| F41A 19/36 | 5-Punkt Untergruppe | in block-action guns [5] |
| F41A 19/37 | 6-Punkt Untergruppe | Cocking mechanisms [5] |
| F41A 19/38 | 7-Punkt Untergruppe | Double-action mechanisms, i.e. the cocking being effected during the first part of the trigger pull movement [5] |
| F41A 19/39 | 5-Punkt Untergruppe | Cocking mechanisms for other types of guns, e.g. fixed breech-block types, forwardly-slidable barrel types [5] |
| F41A 19/40 | 6-Punkt Untergruppe | Double-action mechanisms, i.e. the cocking being effected during the first part of the trigger pull movement [5] |
| F41A 19/41 | 6-Punkt Untergruppe | for breakdown guns [5] |
| F41A 19/42 | 2-Punkt Untergruppe | . . having at least one hammer [5] |
| F41A 19/43 | 3-Punkt Untergruppe | . . . in bolt-action guns [5] |
| F41A 19/44 | 4-Punkt Untergruppe | Sear arrangements therefor (F41A 19/46 takes precedence) [5] |
| F41A 19/45 | 5-Punkt Untergruppe | for catching the hammer after each shot, i.e. in single-shot or semi-automatic firing mode [5] |
| F41A 19/46 | 4-Punkt Untergruppe | Arrangements for the selection of automatic or semi-automatic fire [5] |
| F41A 19/47 | 4-Punkt Untergruppe | Cocking mechanisms [5] |
| F41A 19/48 | 5-Punkt Untergruppe | Double-action mechanisms, i.e. the cocking being effected during the first part of the trigger pull movement [5] |
| F41A 19/49 | 3-Punkt Untergruppe | . . . in block-action guns [5] |
| F41A 19/50 | 4-Punkt Untergruppe | Cocking mechanisms [5] |
| F41A 19/51 | 5-Punkt Untergruppe | Double-action mechanisms, i.e. the cocking being effected during the first part of the trigger pull movement [5] |
| F41A 19/52 | 3-Punkt Untergruppe | Cocking mechanisms for other types of guns, e.g. fixed breech-block types, revolvers [5] |
| F41A 19/53 | 4-Punkt Untergruppe | Double-action mechanisms, i.e. the cocking being effected during the first part of the trigger pull movement [5] |
| F41A 19/54 | 4-Punkt Untergruppe | for breakdown guns [5] |
| F41A 19/55 | 1-Punkt Untergruppe | . Fluid-operated firing mechanisms [5] |
| F41A 19/56 | 2-Punkt Untergruppe | . . Ignition of the propellant charge by contact with air heated by adiabatic compression [5] |
| F41A 19/57 | 1-Punkt Untergruppe | . Firing mechanisms operating with primer cartridge [5] |
| F41A 19/58 | 1-Punkt Untergruppe | . Electric firing mechanisms (F41A 17/10, F41A 17/12 take precedence) [5] |
| F41A 19/59 | 2-Punkt Untergruppe | . . Electromechanical firing mechanisms, i.e. the mechanical striker element being propelled or released by electric means [5] |

| Symbol | Typ | Titel |
|-------------------|---------------------|---|
| F41A 19/60 | 2-Punkt Untergruppe | . . characterised by the means for generating electric energy [5] |
| F41A 19/61 | 3-Punkt Untergruppe | . . . Inductive generators [5] |
| F41A 19/62 | 3-Punkt Untergruppe | . . . Piezo-electric generators [5] |
| F41A 19/63 | 2-Punkt Untergruppe | . . having means for contactless transmission of electric energy, e.g. by induction, by sparking gap [5] |
| F41A 19/64 | 2-Punkt Untergruppe | . . for automatic or burst-firing mode [5] |
| F41A 19/65 | 3-Punkt Untergruppe | . . . for giving ripple fire, i.e. using electric sequencer switches for timed multiple-charge launching, e.g. for rocket launchers [5] |
| F41A 19/66 | 3-Punkt Untergruppe | . . . Electronic shot-velocity control (F41A 19/65 takes precedence) [5] |
| F41A 19/67 | 3-Punkt Untergruppe | . . . Burst limiters [5] |
| F41A 19/68 | 2-Punkt Untergruppe | . . for multibarrel guns (F41A 19/65 takes precedence) [5] |
| F41A 19/69 | 2-Punkt Untergruppe | . . Electric contacts or switches peculiar thereto (F41A 19/65 takes precedence) [5] |
| F41A 19/70 | 3-Punkt Untergruppe | . . . Electric firing pins; Mountings therefor [5] |
| F41A 21/00 | Hauptgruppe | Barrels; Gun tubes; Muzzle attachments; Barrel mounting means (F41A 25/00 takes precedence; barrel attachments for firing grenades or riot-control ammunition from smallarms F41C 27/06; sighting devices F41G 1/00) [5] |
| F41A 21/02 | 1-Punkt Untergruppe | . Composite barrels, i.e. barrels having multiple layers, e.g. of different materials [5] |
| F41A 21/04 | 2-Punkt Untergruppe | . . Barrel liners [5] |
| F41A 21/06 | 1-Punkt Untergruppe | . Plural barrels [5] |
| F41A 21/08 | 2-Punkt Untergruppe | . . Barrel junctions [5] |
| F41A 21/10 | 1-Punkt Untergruppe | . Insert barrels, i.e. barrels for firing reduced calibre ammunition and being mounted within the normal barrels [5] |
| F41A 21/12 | 1-Punkt Untergruppe | . Cartridge chambers; Chamber liners (F41A 3/74, F41A 9/46, F41A 21/04 take precedence) [5] |
| F41A 21/14 | 2-Punkt Untergruppe | . . Arrangement of cartridge chambers lateral to the barrel axis [5] |
| F41A 21/16 | 1-Punkt Untergruppe | . Barrels or gun tubes characterised by the shape of the bore [5] |
| F41A 21/18 | 2-Punkt Untergruppe | . . Grooves; Rifling [5] |
| F41A 21/20 | 1-Punkt Untergruppe | . Barrels or gun tubes characterised by the material (F41A 21/02 takes precedence) [5] |
| F41A 21/22 | 1-Punkt Untergruppe | . Barrels which have undergone surface treatment, e.g. phosphating [5] |
| F41A 21/24 | 1-Punkt Untergruppe | . Barrels or gun tubes with fins or ribs, e.g. for cooling [5] |
| F41A 21/26 | 1-Punkt Untergruppe | . specially adapted for recoil reinforcement, e.g. for training purposes [5] |
| F41A 21/28 | 1-Punkt Untergruppe | . Gas-expansion chambers; Barrels provided with gas-relieving ports (F41A 1/06, F41A 13/08 take precedence) [5] |
| F41A 21/30 | 1-Punkt Untergruppe | . Silencers [5] |
| F41A 21/32 | 1-Punkt Untergruppe | . Muzzle attachments or glands (F41A 21/26, F41A 21/30, F41A 21/46 take precedence) [5] |
| F41A 21/34 | 2-Punkt Untergruppe | . . Flash dampers [5] |
| F41A 21/36 | 2-Punkt Untergruppe | . . for recoil reduction (recoil reduction arrangements in general F41A 25/00) [5] |

| Symbol | Typ | Titel |
|-------------------|---------------------|--|
| F41A 21/38 | 3-Punkt Untergruppe | . . . adjustable [5] |
| F41A 21/40 | 2-Punkt Untergruppe | . . Chokes for shotguns [5] |
| F41A 21/42 | 3-Punkt Untergruppe | . . . adjustable [5] |
| F41A 21/44 | 1-Punkt Untergruppe | . Insulation jackets; Protective jackets [5] |
| F41A 21/46 | 1-Punkt Untergruppe | . Barrels having means for separating sabots from projectiles [5] |
| F41A 21/48 | 1-Punkt Untergruppe | . Barrel mounting means, e.g. releasable mountings for replaceable barrels [5] |
| F41A 23/00 | Hauptgruppe | Gun mountings, e.g. on vehicles; Disposition of guns on vehicles (F41A 25/00, F41A 27/00 take precedence) [5] |
| F41A 23/02 | 1-Punkt Untergruppe | . Mountings without wheels [5] |
| F41A 23/04 | 2-Punkt Untergruppe | . . Unipods [5] |
| F41A 23/06 | 3-Punkt Untergruppe | . . . adjustable [5] |
| F41A 23/08 | 2-Punkt Untergruppe | . . Bipods [5] |
| F41A 23/10 | 3-Punkt Untergruppe | . . . adjustable [5] |
| F41A 23/12 | 2-Punkt Untergruppe | . . Tripods [5] |
| F41A 23/14 | 3-Punkt Untergruppe | . . . adjustable [5] |
| F41A 23/16 | 2-Punkt Untergruppe | . . Testing mounts [5] |
| F41A 23/18 | 2-Punkt Untergruppe | . . Rests for supporting smallarms in non-shooting position (racks for storage A47B 81/00; racks in vehicles B60R 11/00) [5] |
| F41A 23/20 | 1-Punkt Untergruppe | . for disappearing guns [5] |
| F41A 23/22 | 2-Punkt Untergruppe | . . on board of submarines [5] |
| F41A 23/24 | 1-Punkt Untergruppe | . Turret gun mountings (feeding, loading or guiding ammunition F41A 9/00; mechanical elevating or traversing systems for turret guns F41A 27/18) [5] |
| F41A 23/26 | 1-Punkt Untergruppe | . Mountings for transport only; Loading or unloading arrangements for guns for use with carrier vehicles (F41A 23/50 takes precedence) [5] |
| F41A 23/28 | 1-Punkt Untergruppe | . Wheeled-gun mountings; Endless-track gun mountings [5] |
| F41A 23/30 | 2-Punkt Untergruppe | . . the wheels being liftable from the ground for firing [5] |
| F41A 23/32 | 2-Punkt Untergruppe | . . with split trails (F41A 23/30, F41A 23/46 take precedence) [5] |
| F41A 23/34 | 1-Punkt Untergruppe | . on wheeled or endless-track vehicles [5] |
| F41A 23/36 | 2-Punkt Untergruppe | . . on trailers (F41A 23/42 takes precedence) [5] |
| F41A 23/38 | 2-Punkt Untergruppe | . . on motorcycles [5] |
| F41A 23/40 | 2-Punkt Untergruppe | . . on rail vehicles [5] |
| F41A 23/42 | 2-Punkt Untergruppe | . . for rocket throwers [5] |
| F41A 23/44 | 1-Punkt Untergruppe | . on sledges [5] |
| F41A 23/46 | 1-Punkt Untergruppe | . Trail spades [5] |

| Symbol | Typ | Titel |
|-------------------|---------------------|--|
| F41A 23/48 | 2-Punkt Untergruppe | . . elastic [5] |
| F41A 23/50 | 1-Punkt Untergruppe | . Travelling locks; Brakes for holding the gun platform in a fixed position during transport [5] |
| F41A 23/52 | 1-Punkt Untergruppe | . Base plates for gun mountings [5] |
| F41A 23/54 | 2-Punkt Untergruppe | . . for mortars [5] |
| F41A 23/56 | 1-Punkt Untergruppe | . Arrangements for adjusting the gun platform in the vertical or horizontal position (F41A 17/10, F41A 17/12 take precedence) [5] |
| F41A 23/58 | 2-Punkt Untergruppe | . . Hydraulic jacks [5] |
| F41A 23/60 | 2-Punkt Untergruppe | . . Screw-operated jacks [5] |
| F41A 25/00 | Hauptgruppe | Gun mountings permitting recoil or return to battery, e.g. gun cradles; Barrel buffers or brakes (recoilless guns F41A 1/08) [5] |
| F41A 25/02 | 1-Punkt Untergruppe | . Fluid-operated systems [5] |
| F41A 25/04 | 2-Punkt Untergruppe | . . adjustable [5] |
| F41A 25/06 | 1-Punkt Untergruppe | . Friction-operated systems [5] |
| F41A 25/08 | 2-Punkt Untergruppe | . . adjustable [5] |
| F41A 25/10 | 1-Punkt Untergruppe | . Spring-operated systems [5] |
| F41A 25/12 | 2-Punkt Untergruppe | . . using coil springs [5] |
| F41A 25/14 | 3-Punkt Untergruppe | . . . adjustable [5] |
| F41A 25/16 | 1-Punkt Untergruppe | . Hybrid systems [5] |
| F41A 25/18 | 2-Punkt Untergruppe | . . Hydroelastic systems [5] |
| F41A 25/20 | 2-Punkt Untergruppe | . . Hydropneumatic systems [5] |
| F41A 25/22 | 1-Punkt Untergruppe | . Bearing arrangements for the reciprocating gun-mount or barrel movement [5] |
| F41A 25/24 | 2-Punkt Untergruppe | . . using ball or roller bearings [5] |
| F41A 25/26 | 1-Punkt Untergruppe | . Assembling or dismounting recoil elements or systems [5] |
| F41A 27/00 | Hauptgruppe | Gun mountings permitting traversing or elevating movement, e.g. gun carriages [5] |
| F41A 27/02 | 1-Punkt Untergruppe | . Control systems for preventing interference between the moving gun and the adjacent structure [5] |
| F41A 27/04 | 1-Punkt Untergruppe | . Scatter-fire arrangements, i.e. means for oscillating guns automatically during firing [5] |
| F41A 27/06 | 1-Punkt Untergruppe | . Mechanical systems (F41A 27/02, F41A 27/04, F41A 27/30 take precedence) [5] |
| F41A 27/08 | 2-Punkt Untergruppe | . . Bearings, e.g. trunnions; Brakes or blocking arrangements [5] |
| F41A 27/10 | 3-Punkt Untergruppe | . . . Bearings for supporting a pivoting gun in a wall, e.g. a turret wall [5] |
| F41A 27/12 | 3-Punkt Untergruppe | . . . Brakes or locks for blocking traversing or elevating gear in a fixed position [5] |
| F41A 27/14 | 3-Punkt Untergruppe | . . . Central-pivot bearings [5] |
| F41A 27/16 | 3-Punkt Untergruppe | . . . using raceway bearings, e.g. for supporting the turret [5] |
| F41A 27/18 | 2-Punkt Untergruppe | . . for gun turrets (F41A 27/08 takes precedence) [5] |
| F41A 27/20 | 3-Punkt Untergruppe | . . . Drives for turret movements [5] |

| Symbol | Typ | Titel |
|-------------------|---------------------|--|
| F41A 27/22 | 2-Punkt Untergruppe | . . Traversing gear (F41A 27/18 takes precedence) [5] |
| F41A 27/24 | 2-Punkt Untergruppe | . . Elevating gear (F41A 27/18 takes precedence) [5] |
| F41A 27/26 | 1-Punkt Untergruppe | . Fluid-operated systems (F41A 27/02, F41A 27/04, F41A 27/30 take precedence) [5] |
| F41A 27/28 | 1-Punkt Untergruppe | . Electrically-operated systems (F41A 27/02, F41A 27/04, F41A 27/30 take precedence) [5] |
| F41A 27/30 | 1-Punkt Untergruppe | . Stabilisation or compensation systems, e.g. compensating for barrel weight or wind force [5] |
| F41A 29/00 | Hauptgruppe | Cleaning or lubricating arrangements (injecting fluids into barrels or cartridge chambers F41A 13/04) [5] |
| F41A 29/02 | 1-Punkt Untergruppe | . Scrapers or cleaning rods [5] |
| F41A 29/04 | 1-Punkt Untergruppe | . Lubricating, oiling or greasing means, e.g. operating during use [5] |
| F41A 31/00 | Hauptgruppe | Testing arrangements (testing mounts F41A 23/16) [5] |
| F41A 31/02 | 1-Punkt Untergruppe | . for checking gun barrels [5] |
| F41A 33/00 | Hauptgruppe | Adaptations for training (adaptations of barrels for recoil reinforcement F41A 21/26); Gun simulators (teaching or practice apparatus for gun-aiming or gun-laying F41G 3/26) [5] |
| F41A 33/02 | 1-Punkt Untergruppe | . Light- or radiation-emitting guns [5] |
| F41A 33/04 | 1-Punkt Untergruppe | . Acoustical simulation of gun fire, e.g. by pyrotechnic means [5] |
| F41A 33/06 | 1-Punkt Untergruppe | . Recoil simulators [5] |
| F41A 35/00 | Hauptgruppe | Accessories or details not otherwise provided for [5] |
| F41A 35/02 | 1-Punkt Untergruppe | . Dust- or weather-protection caps or covers (protecting-caps for trigger guards F41A 17/54) [5] |
| F41A 35/04 | 2-Punkt Untergruppe | . . Muzzle covers [5] |
| F41A 35/06 | 1-Punkt Untergruppe | . Adaptation of guns to both right and left hand use [5] |
| F41A 99/00 | Hauptgruppe | Subject matter not provided for in other groups of this subclass [2006.01] |