

Title (en)

FIREARM WITH ELECTRIC FIRING MECHANISM AND PROCESS FOR ITS OPERATION; AMMUNITION AND PRIMERS THEREFOR

Publication

EP 0010509 A3 19801210 (FR)

Application

EP 79420037 A 19790727

Priority

- FR 7824227 A 19780811
- FR 7917409 A 19790628

Abstract (en)

[origin: US4332098A] The invention pertains to an electric control weapon. A condenser is charged by a battery through an electrical circuit including an integrated circuit, a transistor, a transformer and a diode. As the trigger of a thyristor is activated, the condenser is suddenly discharged into an electrical cap of the cartridge, so as to fire it. This invention provides a more accurate and reliable weapon.

IPC 1-7

F41C 19/12; **F42C 19/12**; **F41D 11/12**; **H01H 13/00**

IPC 8 full level

F41A 3/94 (2006.01); **F41A 19/58** (2006.01); **F41A 25/06** (2006.01); **F41A 25/16** (2006.01); **F42C 19/12** (2006.01)

CPC (source: EP US)

F41A 3/94 (2013.01 - EP US); **F41A 19/58** (2013.01 - EP US); **F41A 25/06** (2013.01 - EP US); **F41A 25/16** (2013.01 - EP US); **F42C 19/12** (2013.01 - EP US)

Citation (search report)

- US 1362478 A 19201214 - DEITRICH HOMER H
- FR 14677 E 19120129 - PEUBLE ET DURIF SOC [FR]
- US 2978827 A 19610411 - CHARLES ROUBY
- FR 2259345 A1 19750822 - WALTHER CARL [DE]
- FR 908038 A 19460328
- US 3650174 A 19720321 - NELSEN THOMAS SLOAN
- FR 2057700 A5 19710521 - LAMBERT GRIEW DAVID
- US 3494531 A 19700210 - SEGHEZZI HANS-DIETER
- US 4104970 A 19780808 - PETERSEN GARY L, et al
- DE 25544 C
- DE 214629 C
- FR 2261498 A1 19750912 - HECKLER & KOCH GMBH [DE]
- FR 2312754 A1 19761224 - DIEHL [DE]
- US 4019273 A 19770426 - KIBLER RALPH J, et al
- DE 2053008 A1 19720504
- DE 244986 C
- DE 2321708 A1 19741107 - KUEHL HANS DIPL ING
- US 3417660 A 19681224 - KARL HARBRECHT
- FR 1375369 A 19641016
- US 2497350 A 19500214 - ROMAN FERDA
- GB 405369 A 19340208 - MOUBRAY GORE FARQUHAR
- US 3707797 A 19730102 - RUTH K
- FR 1006141 A 19520421
- US 3413888 A 19681203 - KALEY VICTOR B
- FR 463619 A 19140227 - JEAN GAUCHER [FR]
- FR 1204477 A 19600126 - WASAGCHEMIE AG
- US 1084745 A 19140120 - LINDSAY CHARLES F [US]
- US 2926566 A 19600301 - ATKINS WALTER W, et al
- DE 206436 C
- DE 136365 C
- FR 922904 A 19470623
- US 3171326 A 19650302 - BAKER VANCE A
- US 3491650 A 19700127 - ROHR EDWIN
- US 4028993 A 19770614 - REYNOLDS GEORGE L
- DE 33599 C
- DE 960787 C 19570328 - WASAGCHEMIE AG
- GB 1102201 A 19680207 - MINI OF TECHNOLOGY
- BE 546089 A 19591009 - WASAGCHEMIE AG [DE]
- REVUE PRODUCT ENGINEERING, vol. 38, no. 22, 21 octobre 1968, New York, USA N.P. CHIRONIS, "Side-spreading springs absorb high-energy impact", pages 36-38.

Cited by

FR2557689A1; GB2172969A; GB2172967A; GB2172968A; EP0112526A3

Designated contracting state (EPC)

AT BE CH DE GB IT LU NL SE

DOCDB simple family (publication)

EP 0010509 A2 19800430; **EP 0010509 A3 19801210**; BE 92 T1 19810403; DE 2953776 A1 19860410; FR 2460468 A2 19810123; FR 2460468 B2 19831104; GB 2071826 A 19810923; GB 2071826 B 19830420; IT 1172213 B 19870618; IT 8186216 A0 19810521; US 4332098 A 19820601

DOCDB simple family (application)

EP 79420037 A 19790727; BE 79420037 A 19790727; DE 2953776 A 19790727; FR 7917409 A 19790628; GB 8106688 A 19790727;
IT 8621681 A 19810521; US 6605779 A 19790813