

Title (en)
Device for launching ammunition

Title (de)
Vorrichtung zum Verschiessen von Munition

Title (fr)
Dispositif pour décharger une munition

Publication
EP 0526389 B1 19970129 (DE)

Application
EP 92710018 A 19920624

Priority
DE 4121590 A 19910629

Abstract (en)
[origin: US5227577A] A device for firing ammunition includes a combustion chamber accommodating several propellant charge members which latter contain a propellant charge and an ignition system for igniting the propellant charge. A fixedly disposed primary coil which receives an ignition signal is provided at the combustion chamber while a secondary coil is arranged in each propellant charge member, this secondary coil being connected to a resistor initiating the ignition system. The magnetic field, changing with time, which is produced by the primary coil penetrates the combustion chamber and induces a current in the secondary coils of each propellant charge member at the same time so that the ignition systems of all propellant charge members are simultaneously activated and ignite all propellant charges at once. On account of the simultaneous ignition of the propellant charge members, rapid firing sequences can be attained.

IPC 1-7
F42C 19/12; **F41A 19/63**

IPC 8 full level
F41A 19/63 (2006.01); **F42B 5/08** (2006.01); **F42C 19/12** (2006.01)

CPC (source: EP US)
F41A 19/63 (2013.01 - EP US); **F42B 5/08** (2013.01 - EP US)

Cited by
DE19962594B4; WO0046551A1

Designated contracting state (EPC)
DE FR GB IT NL SE

DOCDB simple family (publication)
US 5227577 A 19930713; CA 2072449 A1 19921230; CA 2072449 C 20030408; DE 59207978 D1 19970313; EP 0526389 A1 19930203; EP 0526389 B1 19970129; JP 3142641 B2 20010307; JP H05203399 A 19930810

DOCDB simple family (application)
US 90545492 A 19920629; CA 2072449 A 19920626; DE 59207978 T 19920624; EP 92710018 A 19920624; JP 17041792 A 19920629