

Title (en)

MECHANISM FOR CONTROLLING THE FIRING RATE OF AN AUTOMATIC WEAPON

Title (de)

VORRICHTUNG ZUR REGELUNG DER FEUERGESCHWINDIGKEIT AUTOMATISCHER FEUERWAFFEN

Title (fr)

MECANISME POUR COMMANDER LA VITESSE DE TIR D'UNE ARME AUTOMATIQUE

Publication

EP 0458933 B1 19970910 (EN)

Application

EP 91900882 A 19901217

Priority

- GB 9001969 W 19901217
- GB 8928452 A 19891216

Abstract (en)

[origin: WO9109263A1] A trigger mechanism for controlling the firing rate of a gun (10) capable of fully automatic fire. The trigger mechanism comprises a timing device (54, 56) which cyclically interrupts the gun bolt (14) and is incorporated in the gun. The timing device (54, 56) is actuated independently of forces generated by the discharge of the gun so that the bolt (14) periodically is arrested to reduce its natural cyclic rate of movement during automatic firing.

IPC 1-7

F41A 19/03; F41A 19/33

IPC 8 full level

F41A 19/03 (2006.01); **F41A 19/33** (2006.01)

CPC (source: EP KR)

F41A 19/03 (2013.01 - EP KR); **F41A 19/33** (2013.01 - EP)

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

WO 9109263 A1 19910627; AT E158074 T1 19970915; AU 6958591 A 19910718; BR 9007129 A 19911126; CA 2047245 A1 19910617; DE 69031422 D1 19971016; DE 69031422 T2 19980416; DK 0458933 T3 19980504; EP 0458933 A1 19911204; EP 0458933 B1 19970910; ES 2110989 T3 19980301; GB 8928452 D0 19900221; GR 3025650 T3 19980331; JP H05500413 A 19930128; KR 100208918 B1 19990715; KR 920701776 A 19920812; ZA 9010121 B 19920129

DOCDB simple family (application)

GB 9001969 W 19901217; AT 91900882 T 19901217; AU 6958591 A 19901217; BR 9007129 A 19901217; CA 2047245 A 19901217; DE 69031422 T 19901217; DK 91900882 T 19901217; EP 91900882 A 19901217; ES 91900882 T 19901217; GB 8928452 A 19891216; GR 970403302 T 19971210; JP 50133891 A 19901217; KR 910700912 A 19910816; ZA 9010121 A 19901217