

Title (en)
EXTERNALLY POWERED MACHINE GUN HAVING EMERGENCY STOP MEANS

Publication
EP 0063680 A3 19830622 (DE)

Application
EP 82101538 A 19820227

Priority
DE 3116541 A 19810425

Abstract (en)
[origin: US4508006A] A device for quickly stopping a remote controlled automatic cannon having a breech block which can be moved by means of an endless control groove in an essentially rotationally symmetrical control roller, with each region of the control groove being associated with a respective function step within the firing cycle of the cannon. The device includes an element which rotates in dependence on the control roller and is provided with a stop abutment which is associated with a region of the control groove; and a control piston, which corresponds with the stop abutment, and which, during operation, can be moved axially, by propellant gases developed during firing of the cannon, so that one free end of the piston moves out of the circular path of movement of the stop abutment against a return force, and thus from a blocking position with respect to the stop abutment, into a release position with respect to the stop abutment.

IPC 1-7
F41D 7/00; **F41D 11/06**

IPC 8 full level
F41A 7/08 (2006.01); **F41A 17/18** (2006.01)

CPC (source: EP US)
F41A 7/08 (2013.01 - EP US); **F41A 17/18** (2013.01 - EP US)

Citation (search report)
• [X] GB 187192 A 19221016 - WILLIAM GRAY
• [A] US 4131052 A 19781226 - SKAHILL FRED J
• [AD] DE 2658770 A1 19780706 - RHEINMETALL GMBH

Cited by
US5251562A; EP0111240A3; US4508006A; EP0519821A1; FR2678056A1; US5231243A

Designated contracting state (EPC)
CH DE FR GB LI

DOCDB simple family (publication)
EP 0063680 A2 19821103; **EP 0063680 A3 19830622**; DE 3116541 A1 19821111; US 4508006 A 19850402

DOCDB simple family (application)
EP 82101538 A 19820227; DE 3116541 A 19810425; US 37196582 A 19820426