

Title (en)

Launching device for tank self protection.

Title (de)

Selbstschutz-Werfereinrichtung.

Title (fr)

Dispositif d'éjection pour l'auto-protection de chars.

Publication

EP 0525305 B1 19950111 (DE)

Application

EP 92106652 A 19920416

Priority

DE 4125355 A 19910731

Abstract (en)

[origin: EP0525305A1] A self-defence launch device is improved, which consists of a firing tube, which is fitted on the object to be defended, has an electrical detonating device on the tube base and has an ejection body, which is inserted into the firing tube, with a propulsion charge and an ejection charge, as well as a detonating device for igniting the propulsion charge and effective charge. The effective charge detonating device is in this case a mechanical detonating device with an impact bolt and an impact bolt spring. This mechanical detonating device is cocked and released by means of a lanyard which is connected on the one hand to the firing tube or a part of the ejection body which remains in the firing tube, and on the other hand to the impact bolt. When, once it has been fired, the ejection body has reached a firing distance which corresponds to the length of the lanyard, the impact bolt spring is now cocked, by the lanyard which is now tensioned, and the impact bolt is thus released and then ignites the effective charge of the ejection body, via a detonating cap and a pyrotechnic detonating chain. <IMAGE>

IPC 1-7

F42B 12/68; **F42C 7/12**; **F42B 5/155**

IPC 8 full level

F42B 5/155 (2006.01); **F42B 12/68** (2006.01); **F42C 7/12** (2006.01)

CPC (source: EP US)

F42B 5/155 (2013.01 - EP US); **F42B 12/68** (2013.01 - EP US); **F42C 7/12** (2013.01 - EP US)

Cited by

EP0774642A1; FR2937123A1; FR2741434A1; FR2914054A1; FR2741435A1; FR2741433A1; EP0779495A1; EP0687885A4

Designated contracting state (EPC)

BE CH DE FR GB IT LI NL

DOCDB simple family (publication)

EP 0525305 A1 19930203; **EP 0525305 B1 19950111**; CA 2068399 A1 19930201; DE 4125355 C1 19930128; DE 59201177 D1 19950223; US 5272981 A 19931228

DOCDB simple family (application)

EP 92106652 A 19920416; CA 2068399 A 19920511; DE 4125355 A 19910731; DE 59201177 T 19920416; US 90704392 A 19920701