

Title (en)

Laser pulse transmitter for a weapon.

Title (de)

Laser-Impulssender für eine Waffe.

Title (fr)

Emetteur d'impulsions laser pour une arme.

Publication

EP 0467090 B1 19941228 (DE)

Application

EP 91110128 A 19910620

Priority

CH 232090 A 19900711

Abstract (en)

[origin: EP0467090A1] The holding housing (1) of the laser pulse transmitter has essentially the shape and size of the cartridge suitable for a weapon and can be inserted instead of this into the barrel or the cartridge bearing of a weapon. The holding housing (1) contains a sleeve (2) which is closed at both ends by means of holders (4,6). A laser collimator (28) is arranged at the front end and a switch (8) designed as piezoceramic (10) is arranged at the rear end. A printed circuitboard (34) is provided in the chamber (32) formed between the holders (4,6), a current source (36) being present on one side and a driver circuit (38) on the other side. Since the piezoceramic (10) serves only as a switch (8) and batteries (36) are provided as a current source, on the one hand a very small design and on the other hand a low striking force of the striking pin are possible. The laser pulse transmitter can thus also be designed for small-calibre weapons. <IMAGE>

IPC 1-7

F41A 33/02

IPC 8 full level

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CPC (source: EP)

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Cited by

US5909951A; FR2718841A1; US8584587B2; US8568143B2; WO2005086592A2; US8734156B2; WO9518949A1; WO0155664A3

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