

Title (en)

System to transmit data between a weapon and a round

Title (de)

System zur Datenübertragung zwischen einer Waffe und einem Geschoss

Title (fr)

Système de transmission d'informations entre une arme et une munition

Publication

EP 0798535 B1 20011024 (FR)

Application

EP 96400628 A 19960325

Priority

EP 96400628 A 19960325

Abstract (en)

[origin: EP0798535A1] The system includes a weapon (A) which transmits digital words via a digital exchanger (15) to drive a constant current generator (11). A diode pair (17) gives current passage authorisation to an optoelectronic coupler (18). Signals are optically passed to the ammunition (M) via a receive optoelectronic feeder (22). A transformer-fed diode (24) and a voltage regulator (25) recover and return the codes. The transformer applies current to an initiation device (10) to fire the munition. Test signals are returned to the weapon.

IPC 1-7

F42C 17/04

IPC 8 full level

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CPC (source: EP)

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Cited by

EP0965815A3; FR2851817A1; EP1464916A1; US9618309B2; EP1342982A1; FR2836991A1; US6189430B1

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