

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

**F42C 17/04** (2006.01)

CPC (source: EP)

**F42C 17/04** (2013.01)

Cited by

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

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