

Title (en)

Receiving coil for the programmable fuse of a projectile.

Title (de)

Empfangsspule für einen programmierbaren Geschosszünder.

Title (fr)

Bobine réceptrice pour fusée programmable d'un projectile.

Publication

EP 0467055 A1 19920122 (DE)

Application

EP 91108773 A 19910529

Priority

CH 239990 A 19900719

Abstract (en)

[origin: CA2046177A1] In order to improve the inductive transmission of pulses from a transmitter coil to a receiver coil of a projectile fuze, an insert formed of a steel band is mounted between a coil and a coil core formed of aluminum. This insert shields the coil against eddy current fields.

Abstract (de)

Um die induktive Übertragung von Impulsen von einer Sendespule auf eine Empfangsspule eines Geschosszünders zu verbessern, wird zwischen einer Wicklung (23) und einem aus Aluminium hergestellten Spulenkern (43) eine aus Stahlband hergestellte Einlage (45) eingesetzt, welche die Wicklung (23) gegen Wirbelstromfelder abschirmt. <IMAGE>

IPC 1-7

F42C 17/04

IPC 8 full level

F41A 21/32 (2006.01); **F42C 11/04** (2006.01); **F42C 17/04** (2006.01)

CPC (source: EP US)

F42C 17/04 (2013.01 - EP US)

Citation (search report)

- [A] CH 618050 A5 19800630 - MEFINA SA [CH]
- [A] FR 2317825 A1 19770204 - MEFINA SA [CH]

Cited by

WO2012143218A1; DE102005031749A1; DE102011018248B3; US6138547A; EP0802391A1; US5834675A; EP0802392A1; US5814756A; DE102005031748B3; EP1742233A3; EP0802390A1; US5814755A; EP1742233A2; EP1742010A1; WO2011012250A1; US6170377B1; TWI458935B

Designated contracting state (EPC)

AT BE CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0467055 A1 19920122; EP 0467055 B1 19931027; AT E96536 T1 19931115; CA 2046177 A1 19920120; CA 2046177 C 19950627; DE 59100529 D1 19931202; ES 2045987 T3 19940116; IL 98720 A0 19920715; JP H04227500 A 19920817; NO 171813 B 19930125; NO 171813 C 19930505; NO 912488 D0 19910625; NO 912488 L 19920120; US 5117732 A 19920602; ZA 915649 B 19921028

DOCDB simple family (application)

EP 91108773 A 19910529; AT 91108773 T 19910529; CA 2046177 A 19910704; DE 59100529 T 19910529; ES 91108773 T 19910529; IL 9872091 A 19910703; JP 17694691 A 19910717; NO 912488 A 19910625; US 72358791 A 19910701; ZA 915649 A 19910718