

Title (en)
Military aircraft bomb arming system

Title (de)
System zum scharf machen von Bomben in Militärflugzeugen

Title (fr)
Système d'armement de bombes pour avion militaire

Publication
EP 2042827 A2 20090401 (EN)

Application
EP 08253089 A 20080920

Priority
GB 0718881 A 20070927

Abstract (en)
A military aircraft bomb arming system suitable for use with an aircraft that is provided with a Lead Electrical Fuze Arming (LEFA) pulse generator that is configured for use with a bomb fuze of the kind having both electrical and mechanical fuze arming means is provided. The system comprises a signal conditioning unit adapted to be connected between said pulse generator and a bomb fuze of a second kind that is intended to be armed by an air driven turbine alternator. The signal conditioning unit is adapted to convert, in use, a LEFA pulse from the pulse generator into a modified pulse suitable for providing a first arming environment to the bomb fuze of the second kind. The system thus enables UK military aircraft to benefit from the utility offered by some of these international fuzes by providing additional arming safety.

IPC 8 full level
F42C 15/40 (2006.01); **F42C 17/04** (2006.01)

CPC (source: EP GB)
F42C 11/006 (2013.01 - EP); **F42C 15/005** (2013.01 - GB); **F42C 15/295** (2013.01 - GB); **F42C 15/40** (2013.01 - EP GB);
F42C 17/04 (2013.01 - EP)

Cited by
EP3605006A1; US11280600B2; WO2019150080A1

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Designated extension state (EPC)
AL BA MK RS

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