

Title (en)
AMMUNITION SAFETY AND ARMING UNIT

Title (de)
EINRICHTUNG ZUM SICHERN UND ZUM SCHARFMACHEN VON MUNITION

Title (fr)
UNITE DE SECURITE ET D'ARMEMENT POUR MUNITIONS

Publication
EP 1108195 B1 20030326 (EN)

Application
EP 99940405 A 19990824

Priority
• GB 9902799 W 19990824
• GB 9818673 A 19980828

Abstract (en)
[origin: WO0012953A1] A safety and arming unit for a round of ammunition, comprising one or more acceleration sensors for detecting when the acceleration of the ammunition reaches at least two different predetermined linear acceleration values; timer means for measuring the time interval between the detection of two of the predetermined linear acceleration values, means for electronically comparing the said measured time interval with a range of predetermined and pre-set time intervals representing satisfactory firing for the round of ammunition, and means for producing an electronic signal when the said measured time interval falls within the range of predetermined and pre-set time intervals, which signal operates to arm the ammunition ready for detonation.

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