

Title (en)

An ignition device to ignite an explosive charge in a projectile.

Title (de)

Zündeinrichtung zum Zünden einer Sprengladung in einem Projektil.

Title (fr)

Dispositif d'allumage pour une charge explosive dans un projectile.

Publication

EP 0497394 B1 19950222 (EN)

Application

EP 92200066 A 19920113

Priority

SE 9100297 A 19910131

Abstract (en)

[origin: EP0497394A1] An ignition device for a projectile (1) having two charges in tandem relationship, i.e. a pre-penetrator (3) and a main charge (4) for action against a target (11) which is protected by a so-called reactive armour (12-17). A piezo-crystal (8) is arranged to sense a first shockwave in the projectile as a result of an impact in the target, and to sense a second shockwave as a result of any collision between the projectile and a plate or the like expelled from the reactive armour. A delay circuit (9) is provided to delay the detonation of the main charge (4), and an inhibition circuit (10) is provided to automatically inhibit said delay if said collision will occur. <IMAGE>

IPC 1-7

F42C 11/06; **F42B 12/18**

IPC 8 full level

F42B 12/18 (2006.01); **F42C 11/06** (2006.01)

CPC (source: EP)

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Cited by

US5415105A; EP1531316A1; CN113030425A; EP1116930A1; EP0600388A1; US7273011B2; USH1930H; WO2005045357A1

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