

Title (en)

IGNITER WITH A SAFETY DEVICE FOR A PROJECTILE WHICH IS SHOT FROM A PIPE WITH ANGULAR MOMENTUM

Title (de)

ZÜNDER MIT SICHERUNGSVORRICHTUNG FÜR EIN AUS EINEM ROHR MIT DRALL ABZUSCHIESSENDES GESCHOSS

Title (fr)

DISPOSITIF D'ALLUMAGE DOTE D'UN DISPOSITIF DE SECURITE, DESTINE A UN PROJECTILE DEVANT ETRE TIRE D'UN TUBE AVEC UN MOMENT ANGULAIRE

Publication

EP 1370825 A1 20031217 (DE)

Application

EP 02727213 A 20020312

Priority

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- DE 10111714 A 20010312

Abstract (en)

[origin: WO02073119A1] The igniter comprises a disk-shaped element (15) for interruption or release of an ignition chain (13a, 13b) of said igniter, consisting of a central area (16) surrounded by an edge area (17). Only the central area interrupts the ignition chain and is supported by a holder (19). A collector area is provided around the holder below the edge area (17) when seen in the direction of flight of said projectile. The central area (16) and the edge area (17) are connected to each other by a predetermined breaking point (18). The edge area (17) is sheared off from the central area (16) during initial acceleration of the projectile and placed in a reception area (21) whereupon the central area (16) is also removed from the ignition chain (13a, 13b) by the angular momentum of the projectile.

IPC 1-7

F42C 15/34; **F42C 15/26**

IPC 8 full level

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CPC (source: EP KR US)

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