

Title (en)
Ignition for a hollow charge.

Title (de)
Zünder für eine projektilbildende Ladung.

Title (fr)
Dispositif d'allumage pour charge creuse.

Publication
EP 0255130 A1 19880203 (DE)

Application
EP 87111017 A 19870730

Priority
DE 3625967 A 19860731

Abstract (en)
[origin: US4784062A] A fuze for a projectile-forming or fragment-forming, in essence, a spine or barb-forming charge, which affords that two detonating locations which are necessary for the splinter or fragment formation, are concurrently triggered in the region of the circumference of the charge. Through-extending bores are provided in a cover plate for the charge at the end facing towards the fuze, the bores containing a centrally located booster or intensifying charge, and spatially separated therefrom at lateral secure distances, two further booster or intensifying charges positioned diametrically opposite each other, whereby the further booster charges are interconnected through a rapidly reacting transmitting charge arranged in a V-shaped triggering passageway, two detonators being arranged in a slider at a distance from each other, and the detonators in the armed position, respectively, correlate with the central booster charge and with the detonating location for the transmitting charge.

Abstract (de)
Für eine Projektilladung mit zwei Wirkungsmechanismen, nämlich Projektilbildung gegen stark gepanzerte Ziele oder Splitterbildung gegen schwach gepanzerte Ziele, wird ein Zünder vorgeschlagen, der bei der Splitterbildung gewährleistet, daß die beiden notwendigen, räumlich voneinander getrennten Verstärkungsladungen (16, 17) ohne Zeitverzug gezündet werden.

IPC 1-7
F42C 19/08; **F42B 1/02**; **F42C 15/18**

IPC 8 full level
F42B 1/02 (2006.01); **F42C 15/184** (2006.01); **F42C 19/08** (2006.01); **F42C 19/095** (2006.01)

CPC (source: EP US)
F42C 19/0842 (2013.01 - EP US); **F42C 19/095** (2013.01 - EP US)

Citation (search report)

- [Y] FR 1359513 A 19640424 - SAINT LOUIS INST
- [Y] DE 8529465 U1 19860417
- [Y] US 4282814 A 19810811 - MENZ FREDRIC L, et al
- [Y] DE 3501649 A1 19860724 - DIEHL GMBH & CO [DE]
- [Y] FR 2550857 A1 19850222 - MATRA [FR]
- [Y] US 3311055 A 19670328 - STRESAU JR RICHARD H, et al
- [A] US 3170402 A 19650223 - MORTON HAROLD S, et al
- [A] US 1848355 A 19320308 - KING JOHN M

Cited by
EP1967815A3; DE19540863B3; FR2704052A1; DE4034618A1; GB2275322A; GB2275322B; EP1847797A3; EP2312259A1; GB2236582A; GB2236582B; GB2282870A; US5467713A; GB2282870B; WO2017145064A1

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