

Title (en)
TRACER AMMUNITION

Publication
EP 0229763 B1 19921028 (EN)

Application
EP 86900682 A 19850710

Priority
US 8501321 W 19850710

Abstract (en)
[origin: WO8700263A1] An improved tracer ammunition round and method of manufacturing the tracer ammunition. Each round is fabricated by first providing an elongated hole (38) in a cord (36) of soft metal, filling the hole with a special pyrotechnic composition (40) and then reducing the diameter of the cord to a desired size. The cord is then cropped into round size lengths (42) and each length is treated to provide a shaped slug (44') with a pyrotechnic column throughout its length. The shaped slugs are then inserted into the interior cavities of shaped metallic jackets (52) and are secured therein by crimping (32). The pyrotechnic column (46) is formed of zirconium powder, potassium perchlorate and a suitable binder. The ratio of the length of the column to its diameter is between five and two hundred, the diameter of the pyrotechnic column is between .030 inches and .055 inches and the quantity of pyrotechnic composition in the pyrotechnic column is between 12 grains and 24 grains per linear foot of column.

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F42B 12/38

IPC 8 full level
F42B 12/38 (2006.01)

CPC (source: EP)
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Cited by
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WO 8700263 A1 19870115; AT E81905 T1 19921115; DE 3586786 D1 19921203; EP 0229763 A1 19870729; EP 0229763 A4 19880307; EP 0229763 B1 19921028; IN 164215 B 19890204

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