

Title (en)
Combination type warhead

Title (de)
Kombinationsgefechtskopf

Title (fr)
Charge militaire à effet multiple

Publication
EP 0950870 A3 20001122 (DE)

Application
EP 99107139 A 19990413

Priority
DE 19817266 A 19980418

Abstract (en)
[origin: EP0950870A2] In the penetrator (1), in addition to the main explosive charge (2) a cavity (3) separated by a hollow charge lining (4) is formed.

IPC 1-7
F42B 12/10; **F42C 19/095**

IPC 8 full level
F42B 12/10 (2006.01); **F42B 12/16** (2006.01); **F42B 12/22** (2006.01); **F42C 19/095** (2006.01)

CPC (source: EP)
F42B 12/16 (2013.01); **F42B 12/22** (2013.01)

Citation (search report)

- [X] FR 2341124 A1 19770909 - RHEINMETALL GMBH [DE]
- [Y] DE 2553315 A1 19770602 - MESSERSCHMITT BOELKOW BLOHM
- [Y] FR 2310547 A1 19761203 - REALISA ET APPLIC TECH ET [FR]
- [Y] US 3855933 A 19741224 - MESSINEO J
- [Y] FR 2406798 A1 19790518 - MESSERSCHMITT BOELKOW BLOHM [DE]
- [Y] GB 191128030 A 19121010 - WESTF ANHALTISCHE SPRENGSTOFF [DE]
- [X] US 4463678 A 19840807 - WEIMER RAYMOND J [US], et al
- [X] DE 3912123 A1 19900315 - BONGERS DANIEL [DE]
- [A] FR 1074991 A 19541011 - SOC TECH DE RECH IND

Cited by
CN105043170A; EP1498685A1; EP3614095A1; EP2487451A3

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 0950870 A2 19991020; **EP 0950870 A3 20001122**; **EP 0950870 B1 20031203**; DE 19917144 A1 19991209; DE 19917144 B4 20040923; DE 59907908 D1 20040115

DOCDB simple family (application)
EP 99107139 A 19990413; DE 19917144 A 19990416; DE 59907908 T 19990413