

Title (en)
CARRIER PROJECTILE AND TRAINING SUBMISSILES THEREFOR

Publication
EP 0337049 B1 19930421 (DE)

Application
EP 89100162 A 19890105

Priority
DE 3809177 A 19880318

Abstract (en)
[origin: US4869174A] An exercise firing projectile containing a plurality of pyrotechnic fragmentation devices are expelled from the projectile casing above the target area by an ejection charge, and delay tubes of the fragmentation devices are ignited at the same time by this charge through a central igniter tube contained within the projectile. The active charge of the devices consist of a grainy composite with quick reaction time.

IPC 1-7
C06B 45/20; F42B 10/56; F42B 12/40; F42B 12/60

IPC 8 full level
F42B 8/14 (2006.01); **C06B 45/20** (2006.01); **F42B 10/56** (2006.01); **F42B 12/40** (2006.01); **F42B 12/58** (2006.01); **F42B 12/60** (2006.01)

CPC (source: EP US)
C06B 45/20 (2013.01 - EP US); **F42B 10/56** (2013.01 - EP US); **F42B 12/40** (2013.01 - EP US); **F42B 12/60** (2013.01 - EP US)

Citation (examination)
Rheinmetall Waffentechnisches Taschenbuch 5. Auflage, Düsseldorf 1980, Seite 65

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)
US 4869174 A 19890926; AT E88559 T1 19930515; CA 1324030 C 19931109; DE 3809177 C1 19890622; DE 58904103 D1 19930527; EP 0337049 A1 19891018; EP 0337049 B1 19930421; JP 2608952 B2 19970514; JP H0210099 A 19900112

DOCDB simple family (application)
US 32703189 A 19890322; AT 89100162 T 19890105; CA 592292 A 19890228; DE 3809177 A 19880318; DE 58904103 T 19890105; EP 89100162 A 19890105; JP 5599689 A 19890308