

Title (en)
TRAINING AMMUNITION PROJECTILE

Publication
EP 0071322 B1 19860514 (EN)

Application
EP 82301433 A 19820319

Priority
GB 8111671 A 19810413

Abstract (en)
[origin: EP0071322A2] An axisymmetrical projectile having a specified design launch condition includes an axisymmetrical cavity 12 substantially filled with liquid, the cavity dimensions and liquid characteristics being so tuned that a main natural frequency of the liquid within the cavity approaches a nutation frequency of the projectile to cause resonance after a predetermined duration of flight following a design launch. The resonance increases the nutation amplitude causing a rapid rise in drag which quickly halts the projectile's flight.

IPC 1-7
F42B 13/20; F42B 13/32; F42B 11/02

IPC 8 full level
F42B 10/48 (2006.01)

CPC (source: EP)
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Cited by
US11156442B1

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

DOCDB simple family (publication)
EP 0071322 A2 19830209; **EP 0071322 A3 19830720**; **EP 0071322 B1 19860514**; CA 1196816 A 19851119; DE 3271108 D1 19860619

DOCDB simple family (application)
EP 82301433 A 19820319; CA 400284 A 19820331; DE 3271108 T 19820319