

Title (en)
Non-lethal projectile

Title (de)
Nicht tödliches Geschoss

Title (fr)
Projectile non mortel

Publication
EP 1484573 A1 20041208 (EN)

Application
EP 04013195 A 20040603

Priority
US 47570503 P 20030604

Abstract (en)
The present invention is a projectile comprising a non-lethal payload (50), a frangible composite case (10), an air-bursting fuze (40), and at least one explosive (30). The projectile is adaptable to any medium or large caliber ammunition. After being launched from a gun system towards an intended target, the fuze mechanism triggers a first explosive charge that causes a blast force to disintegrate the composite case into sufficiently small particles so that the particles rapidly decelerate to a non-lethal state. The explosive charge may also create an overpressure wave to disorient or incapacitate the target. Other non-lethal payloads, such as aerosols or rubber pellets, may be included within the walls of the frangible case.
<IMAGE>

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F42B 12/00

IPC 8 full level
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Citation (search report)
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