Title (en)

LOAD CARRYING MISSILE FOR EJECTABLE SUB-AMMUNITION

Publication

EP 0256199 B1 19911009 (DE)

Application

EP 87101302 A 19870130

Priority

DE 3616410 A 19860515

Abstract (en)

[origin: US4727812A] A payload projectile including a carrier body having an ogival region in which a receptacle for an ejection charge is provided. A perforated disc is seated immediately in front of the receptacle and a lifting ring screw closes an opening in the carrier body at the forward tip of the ogival region. A chamber, reserved for an igniter, is defined between a rear face of the screw and a front face of the disc and has radial dimensions wider than those of the seat of the disc so that the disc is movable forwardly toward the screw peripherally unimpeded in the chamber. The lifting ring screw is provided with a passage at least partially filled with a melting fuse and projections on the rear face of the screw so as to project into or in the immediate vicinity of the chamber, thereby to ensure that upon inadvertent ignition of the ejection charge in the absence of the igniter, upon movement of the disc toward the screw as a result thereof, hot gases from the ejection charge are able to pass along a path defined through and around the disc, melt the fuse and pass out of the carrier body without building up such internal pressure as might cause ejection of secondary ammunition provided rearwardly of the ejection charge.

IPC 1-7

F42B 12/58; F42C 15/00

IPC 8 full level

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CPC (source: EP US)

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DOCDB simple family (publication)

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