

Title (en)
Warhead generating an explosively formed tubular projectile

Title (de)
Gefechtskopf welcher explosif ein rorhförmiges Projektil bildet

Title (fr)
Tête militaire engendrant un noyau tubulaire

Publication
EP 1870640 B1 20110223 (FR)

Application
EP 07290750 A 20070618

Priority
FR 0605739 A 20060622

Abstract (en)
[origin: EP1870640A2] The military head (1) charged with a concave coating (2) applied against an explosive charge (3) disposed in an envelope (4) having a bottom, comprises an initiation unit, a cylindrical steel insert (7) disposed axially with respect to the coating, a rear containment block having a cylindrical external surface adjusted with an internal housing of the envelope, and an internal conical bore. The insert is intended to give a tubular profile to a core generated by the coating during the initiation of the explosive charge. The military head (1) charged with a concave coating (2) applied against an explosive charge (3) disposed in an envelope (4) having a bottom, comprises an initiation unit, a cylindrical steel insert (7) disposed axially with respect to the coating, a rear containment block having a cylindrical external surface adjusted with an internal housing of the envelope, and an internal conical bore. The insert is intended to give a tubular profile to a core generated by the coating during the initiation of the explosive charge, and completely extends the coating and penetrates inside the explosive charge. The insert comprises a conical rear portion located at a distance from the bottom of the envelope, where the distance is greater than or equal to a diameter of the insert. A conicity of the internal conical bore is same as the conical rear portion of the insert. A length of the insert is located outside of the charge, where the length is ≥ 0.5 times a size of the charge. The conical rear portion of the insert penetrates inside the explosive charge.

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CPC (source: EP)
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