

ADAPTOR FOR COUPLING PROJECTILE AND PROPULSION UNIT

ABSTRACT

The present invention relates to cartridged ammunition for conventional weaponry comprising an adaptor for coupling a projectile and a propulsion unit. The projectile has a head section and a base section. The adaptor has a top surface, a bottom surface and a side surface, wherein the top surface is configured to accommodate the base section of the projectile. The propulsion unit has a base, and a cylindrical wall extending from the base to form a receptacle, wherein the receptacle is configured to accommodate the adaptor and the base section of the projectile. The adaptor enables the projectile to be coupled to propulsion units made of different materials. Furthermore, the adaptor couples different profiles of projectiles and propulsion units without any need for design modifications. The assembled cartridged ammunition can be fired electrically or mechanically.

Fig. 3 accompanies the Abstract.