

Abstract

PLASTIC CARTRIDGE AND PLASTIC CARTRIDGE STRIP MAGAZINE

A cartridge case (23) is composed of a plastics casing body (16) and a plastics cover (20). Accommodated in the casing body (16) is a first receiving chamber (46) for accommodating an ignition charge (52) and a second receiving chamber (48) for accommodating a propellant charge composition (60). A flexible plastics ignition pin (30) connected to the cover (20) is plunged into the first receiving chamber (46). When there is pressure action caused on the rear end (40) of the ignition pin (30) by a striker (66), the pin is moved forward into the first receiving chamber (46), its pointed front striking end (32) acting on the ignition charge (52) in order to ignite this. The ignition charge (52) is accommodated the shape of a funnel in a conical indentation (53) of the first receiving chamber (46). The ignition pin-striking end (32) plunging into the ignition charge (52) generates friction in the ignition charge material and thereby frictional heat in this. As a result of this "stab initiation principal", it is possible to obtain a reliable ignition of the ignition charge (52) despite use of plastics as the material for the casing body (16) and the ignition pin (30), this material being substantially softer than metal. (Figure 8).