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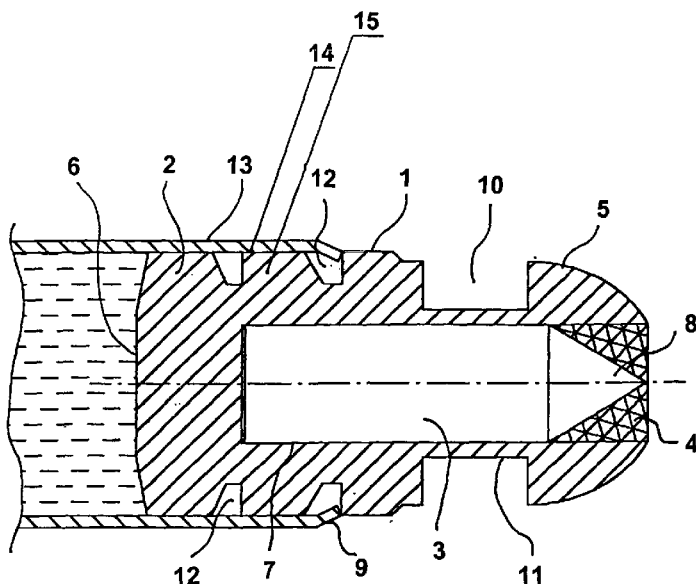
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(54) Title: PIERCING BULLET AND METHOD FOR MANUFACTURING THEREOF



(57) Abstract: The cartridge consists of a shell (13) with powder filling (16) and a bullet (1), where the bullet (1) comprises a body (2) having a rear base (6) and peripheral walls, in the axis of which is fixed a piercing core (3). The body (2) of the bullet (1) is adapted for controlled detachment, in the area of weakening of its peripheral wall, of at least one of its forward portion (5) and a rear portion (17) of greater diameter, corresponding to the calibre of the gun, for stabilising and guiding the bullet (1) in the gun barrel. The piercing core (3) is lodged with radial allowance in the body (2), in the opening (19) on the front side. Between the forward portion (59) and the rear portion (17) of the bullet (1), the body (2) has a deforming wall (10) with reduced thickness, so that the area where it meets the shouldered rear portion (17) forms the ripper zone of the front portion of the body (2), while the piercing core (3) comes to point at its front end (8) and the hollow between this front end of the core (3) and the adjacent part of the inner wall of the opening (19) of the body (2) is filled with

a malleable plug (4) whose outer surface forms at least the greater part of the impacting surface (20) of the bullet (1). The subject of the invention also involves a method of preparing at least one radial incision in the body (2) of the bullet (1) of the cartridge, during which the rear portion (17) of the body (2) is formed with a greater outer diameter with at least one radial incision (12) of trapezoidal section with symmetrical sides. The body (2) is then extruded, through a stepwise narrowing opening in a calibrating member, to the required lower calibre, by which the material of the body (2) in the area of the radial incision (12) becomes non-homogeneous and deforms so that the front side of the radial incision (12) in the direction of the extrusion straightens until it is at right angles to the axis of the body (2), with a simultaneous increase in the density of the material in this area, and its rear side opens up still more, with a simultaneous decrease in the density of the material in this area.

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