

PATIENT APPLICATION

MANURHIN DEFENSE

**"SAFETY DEVICE FOR LOCKING A FIRING PIN AND PROCESS FOR
PRODUCING THIS DEVICE"**

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DESCRIPTIVE ABSTRACT

The technical sector of the invention is that of safety devices intended for locking a firing pin for a spin-stabilised projectile fuse.

The device according to the invention comprises a spiral spring (12) consisting of an elastic strip wound upon itself and pulled back by its elasticity around a locking device which maintains the firing pin (2) in the safe position, and is characterised by the fact that the locking device consists of a flexible strip (9) wound around the firing pin (2) and the material and geometry of which are such that it exerts no elastic return force towards the firing pin (2), the strip having a length such that, when during firing it is unwound after the spiral spring (12) and pressed against the said spring by the action of centrifugal force, its ends (9a, 9b) overlap.

Application to medium calibre ammunition.

-Fig. 1-

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