Title (en)

AFTER-FIRING SAFETY DEVICE FOR A MISSILE WITH AN IMPACT FUSE

Publication

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Application

EP 88119087 A 19881117

Priority

DE 3739368 A 19871120

Abstract (en)

1. Within barrel safety mechanism on a projectile with contact detonation by means of a multi-part band winding assembly, in which the individual windings are wound up, in each case, in opposite directions and which, in the safety state, keeps two parts of a detonating train, which can be moved relative to each other, at a distance from each other and also frees their movement in the state of safety take-off, characterised in that in the case of a non-spin projectile the winding is formed as spiral springs (8, 9, 10) and in the safety state is surrounded by a cage (5) which can be displaced in the event of discharge, in which case after freeing of the spiral spring assembly (6) by the cage (5) the unwinding process occurs in such a way that in the first instance the outermost spiral spring (8) is released progressively from the outside inwards and thereby sets the remaining spring assembly (6) into rotation and when there is a change-over to the next outer spiral spring (9) of the remaining spring assembly (6) and the latter is released stoppage and subsequent reversal of the rotation of the respectively remaining spring assembly (6) result.

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IPC 8 full level

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