

Abstract

Safety and arming unit for a spinning projectile fuze

A safety and arming unit (11) which is designed in particular for an electrical fuze circuit (27) does not reliably respond just to lateral loads on one side, but responds only to centrifugal forces produced by the spin during free flight, in that two contact pairs (22-23, 22-23) which are connected electrically in parallel with one another via rings (14, 15) and are arranged diametrically opposite one another on a cross-sectional plane of the fuze (12) are both no longer electrically conductively bridged at the same time by the bolt (17) because, just by virtue of the centrifugal force, both bolts (17) are simultaneously moved radially outwards from their short-circuit safety positions in their blind holes (16), which are oriented transversely with respect to the rotation axis (13).

(Figure 1)