

Title (en)  
Anti-tank mine.

Title (de)  
Mine zur Panzerabwehr.

Title (fr)  
Mine antitank.

Publication  
**EP 0226992 A1 19870701 (DE)**

Application  
**EP 86117414 A 19861215**

Priority  
DE 3544745 A 19851218

Abstract (en)  
1. A mine (44), more especially an antitank redeployable mine, with a mechanical control mechanism (45) for making safe again, which upon receipt of a signal from a switched-on electronics system (38) rotates the rotor, which is mechanically securable in the safe position, into the live position and triggers a marking charge for indication of the safety state of the mine (44), characterised in that the control mechanism, which is formed from a lockable control shaft (16) having two coaxially arranged control wheels (17, 24) which are connected to one another by a torsion spring (15), of which the first control wheel (17) is drive-connected to a safety mechanism of the mine (44) and the second control wheel (24) is drive-connected by way of an intermediate wheel (25) to the rotor (14), securable by a force element (23), for the reception of the signal for the triggering of the effective charge, upon receipt of a second signal from the electronics system (38) returns the safety mechanism of the mine (44), which is formed from the control wheel (17) with inserted torsion spring (15) and the drive-connected spring barrel (10) with torsion spring (90) and coaxial barrel arbor (7) as well as the movement (8) gear-connected by way of a coupling wheel (26) to the spring barrel (10), into the energyless made safe state, and in that the safety mechanism is optionally restorable by a signal from the electronics system (38) for the restoring of a spring-mounted core (33) of a lifting magnet (18) as a function of a newly inserted battery (27) and marking charge.

Abstract (de)  
Die Mine 44 besitzt eine Einrichtung zum Wiedersichern durch eine mechanische Steuerungseinrichtung 45, die einerseits bei Empfang eines ersten Signals aus einer zugeschalteten Elektronik 38 einen Rotor 14 in Scharfstellung dreht und andererseits beim Empfang eines zweiten Signals aus der Elektronik 38 die Sicherungseinrichtung der Mine 44 in den energielosen Wiedersicherungszustand zurückführt; anschließend löst die Elektronik eine Markierungsladung zur Anzeige des Wiedersicherungszustandes der Mine 44 aus.

IPC 1-7  
**F42C 15/14**

IPC 8 full level  
**F42C 14/08** (2006.01); **F42C 15/44** (2006.01)

CPC (source: EP)  
**F42C 14/08** (2013.01); **F42C 15/44** (2013.01)

Citation (search report)  
• [A] DE 3304373 A1 19840816 - MESSERSCHMITT BOELKOW BLOHM [DE]  
• [AD] DE 2423912 B2 19780323

Cited by  
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**EP 0226992 A1 19870701**; **EP 0226992 B1 19890419**; DE 3544745 A1 19870619; DE 3662947 D1 19890524

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