

Title (en)
ANTI-TANK MINE

Publication
EP 0226992 B1 19890419 (DE)

Application
EP 86117414 A 19861215

Priority
DE 3544745 A 19851218

Abstract (en)
[origin: EP0226992A1] 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.

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 (examination)
EP 0195182 A1 19860924 - DIEHL GMBH & CO [DE]

Cited by
CN104537912A; GB2227819A; GB2227819B

Designated contracting state (EPC)
CH DE FR IT LI NL SE

DOCDB simple family (publication)
EP 0226992 A1 19870701; **EP 0226992 B1 19890419**; DE 3544745 A1 19870619; DE 3662947 D1 19890524

DOCDB simple family (application)
EP 86117414 A 19861215; DE 3544745 A 19851218; DE 3662947 T 19861215