

Title (en)

Deployable anti-tank mine with automatic alignment.

Title (de)

Abwerfbare Panzermine mit selbsttätiger Ausrichtung.

Title (fr)

Mine antichar dispersable à positionnement automatique.

Publication

**EP 0130892 A1 19850109 (FR)**

Application

**EP 84401309 A 19840622**

Priority

FR 8310573 A 19830627

Abstract (en)

[origin: ES8506162A1] A scatterable type of mine in accordance with the invention, comprises: a mine body (100) including an explosive charge enclosed in a generally flat casing including a bearing face (120) and an exposed face (110), the bearing face being in contact with the ground and the exposed face being turned upwardly when the mine is resting on the ground in the active position a cover (200) having a contour similar to that of the mine body and placed on top of the mine body when in the closed position, the exposed face of the mine being under the cover and the cover being hinged to the mine body at a peripheral point thereof locking means for keeping the cover closed and opening means for unlocking the cover and exerting a pivoting torque thereon to move it from the closed position to a open position in which, after a relative rotation of about half a turn, the cover rests to one side of the mine body, the top face of the cover then being turned downwards and bearing on the ground the pivoting torque being at equal to the torque that is required to overturn the mine body in the event that the mine was at rest prior to opening with its bearing face pointing upwards.

Abstract (fr)

La mine selon l'invention comprend: un corps de mine (100) de forme générale aplatie, comprenant une face d'appui (120) et une face exposée (110) tournée vers le haut lorsque la mine repose au sol en position active; un couvercle (200) articulé au corps de mine; des moyens d'ouverture, pour déverrouiller le couvercle et exercer sur celui-ci un couple de pivotement pour le faire passer de la position fermée à une position ouverte dans laquelle, après un pivotement d'environ 1/2 tour, le couvercle repose à côté du corps de mine, celui-ci étant toujours correctement positionné avec sa face exposée (110) tournée vers le haut. Pour cela, le couple de pivotement est au moins égal au couple nécessaire pour provoquer un retournement du corps de mine, au cas où celui-ci reposerait avant ouverture avec sa face d'appui tournée vers le haut.

IPC 1-7

**F42B 23/04**

IPC 8 full level

**F42B 23/04** (2006.01)

CPC (source: EP US)

**F42B 23/04** (2013.01 - EP US)

Citation (search report)

- [A] EP 0069914 A1 19830119 - RHEINMETALL GMBH [DE]
- [A] FR 2435690 A1 19800404 - ALSETEX

Designated contracting state (EPC)

DE GB IT SE

DOCDB simple family (publication)

**EP 0130892 A1 19850109; EP 0130892 B1 19870701**; CA 1222656 A 19870609; DE 3464521 D1 19870806; ES 533708 A0 19850701; ES 8506162 A1 19850701; FR 2547911 A1 19841228; FR 2547911 B1 19851213; US 4580499 A 19860408

DOCDB simple family (application)

**EP 84401309 A 19840622**; CA 457585 A 19840627; DE 3464521 T 19840622; ES 533708 A 19840626; FR 8310573 A 19830627; US 62483184 A 19840626