Title (en)

Device for searching and clearing of land mines and method for clearing land mine fields with such a device

Title (de)

Such- und Räumeinrichtung für Landminen, sowie Verfahren zur Ortung und Zerstörung einer Landmine mittels dieser Such- und Räumeinrichtung

Title (fr)

Dispositif pour localiser et détruire des mines terrestres et méthode pour nettoyer un champ de mines terrestres à l'aide d'un tel dispositif

Publication

EP 0738868 B1 19980708 (DE)

Application

EP 96105759 A 19960412

Priority

DE 19514569 A 19950420

Abstract (en)

[origin: EP0738868A2] The device is built up on a frame (1) cantilevered on a two-wheeled truck (10) and coupled (2) to the nose of the vehicle (KP). Rectangular electromagnetic search coils (3.1-3.4) for detection of electrically conductive objects in its path are arranged on two beams (1.1,1.2) across the front of the frame. A slider (5) runs between two transverse guide rails (4) behind the coils, with an underslung arm rotatable in the horizontal plane and carrying a detector (6). Mines thereby located are detonated by charges taken from a magazine (9) and placed on the ground by a movable gripper (8).

IPC 1-7

F41H 11/16

IPC 8 full level

F41H 11/16 (2011.01)

CPC (source: EP US)

F41H 11/16 (2013.01 - EP US)

Cited by

GB2330801A; GB2330801B; WO2011042747A3; WO2007099054A1

Designated contracting state (EPC)

CH DE DK ES FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0738868 A2 19961023; **EP 0738868 A3 19970102**; **EP 0738868 B1 19980708**; CA 2174496 A1 19961021; CA 2174496 C 19990223; DE 19514569 A1 19961024; DE 59600316 D1 19980813; DK 0738868 T3 19990419; ES 2120259 T3 19981016; US 5712441 A 19980127

DOCDB simple family (application)

EP 96105759 A 19960412; CA 2174496 A 19960418; DE 19514569 A 19950420; DE 59600316 T 19960412; DK 96105759 T 19960412; ES 96105759 T 19960412; US 63285696 A 19960416