

Title (en)

Mine-detection and mine-clearing system for land mines

Title (de)

Minensuch- und Räumsystem für Landminen

Title (fr)

Système pour localiser et déminage de mines terrestres

Publication

EP 1351031 A3 20040519 (DE)

Application

EP 03002259 A 20030201

Priority

DE 10215220 A 20020406

Abstract (en)

[origin: EP1351031A2] A leading unit (2), e.g. a flail, sets off mines at or near the surface. Sensors locate sub-surface munitions. Diverse physical effects are combined by a sensor system, enabling sub-surface mines to be detected and located.

IPC 1-7

F41H 11/16

IPC 8 full level

F41H 11/16 (2011.01)

CPC (source: EP US)

F41H 11/134 (2013.01 - EP US); **F41H 11/136** (2013.01 - EP US); **F41H 11/16** (2013.01 - EP US); **F41H 11/18** (2013.01 - EP US)

Citation (search report)

- [XY] US 6026135 A 20000215 - MCFEE JOHN E [CA], et al
- [Y] US 6212799 B1 20010410 - GINGERICH NEWTON ROY [CA], et al
- [DY] DE 4242541 A1 19940630 - TZN FORSCHUNG & ENTWICKLUNG [DE], et al
- [A] WO 0116549 A1 20010308 - NORWEGIAN DEMINING CONSORTIUM [NO], et al
- [A] WO 0192976 A1 20011206 - FURUKAWA EQUIPEMENT S A [FR], et al
- [X] GROSCH H: "UEBERWINDEN DURCH UEBERLISTEN", SOLDAT UND TECHNIK, UMSCHAU VERLAG, FRANKFURT AM MAIN, DE, vol. 39, no. 9, 1 September 1996 (1996-09-01), pages 590 - 592,594, XP000622385, ISSN: 0038-0989
- [Y] HEWISH M ET AL: "MINE-DETECTION TECHNOLOGIES", INTERNATIONAL DEFENSE REVIEW, JANE'S INFORMATION GROUP, COULSDON, SURREY, GB, vol. 28, no. 10, 1 October 1995 (1995-10-01), pages 38 - 40,42, XP000542649, ISSN: 0020-6512

Cited by

EP1882151A4; EP1388724B1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT SE SI SK TR

DOCDB simple family (publication)

EP 1351031 A2 20031008; EP 1351031 A3 20040519; EP 1351031 B1 20080416; DE 10215220 A1 20031023; DE 10215220 B4 20060907; DE 50309611 D1 20080529; US 2003196543 A1 20031023

DOCDB simple family (application)

EP 03002259 A 20030201; DE 10215220 A 20020406; DE 50309611 T 20030201; US 40790703 A 20030407