

Title (en)
Vehicle floor for land-mine protection

Title (de)
Minenschutzboden für ein Panzerfahrzeug

Title (fr)
Sol pour véhicule pour la protection contre les mines terrestres

Publication
EP 1275928 B1 20040317 (DE)

Application
EP 02010537 A 20020510

Priority
DE 10134394 A 20010714

Abstract (en)
[origin: EP1275928A2] Device for protecting against the effect of a landmine, especially for fitting to an armored vehicle by attaching the protective elements to the vehicle base, comprises a concave homogeneous base protection plate (1) having a large radius (7) whose center of the circle lies below the plate. Preferred Features: Elements above the base protection plate in the sump, e.g. torsion bars (2), are positioned a free distance (14) away from the base plate so that they remain undamaged on detonation of a mine and formation of a dynamic dent in the base plate. The base protection plate has a multilayered construction and/or is designed as a sandwich plate.

IPC 1-7
F41H 7/04

IPC 8 full level
F41H 7/04 (2006.01)

CPC (source: EP US)
F41H 7/042 (2013.01 - EP US)

Cited by
EP2604970A1; EP1564520A3; FR2927990A1; EP2685205A1; FR3005626A1; EP2671665A1; FR2991765A1; FR2974170A1; EP1566607A1; FR2984482A1; WO2009102364A3; WO2014184470A1; WO2004008062A1; US8978537B2; WO2012070996A1; US8844970B2; EP2997324B1

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EP 1275928 A2 20030115; EP 1275928 A3 20030716; EP 1275928 B1 20040317; AT E262158 T1 20040415; DE 10134394 A1 20030130; DE 10134394 B4 20040212; DE 50200296 D1 20040422; IL 150704 A0 20030212; NO 20022225 D0 20020510; NO 20022225 L 20030115; NO 321498 B1 20060515; US 2003010189 A1 20030116; US 6658984 B2 20031209

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