

Title (en)  
Mine protection device

Title (de)  
Minenschutzanordnung

Title (fr)  
Dispositif de protection contre les mines

Publication  
**EP 1464915 B2 20150603 (DE)**

Application  
**EP 03007323 A 20030401**

Priority  
EP 03007323 A 20030401

Abstract (en)  
[origin: EP1464915A1] A vehicle has a floor incorporating protection against an exploding mine. The blast-protection floor has a first functional layer made of armoured sheet steel or an ultra-strong metal alloy providing blast protection at least equivalent to that of armoured steel. The floor has a second functional layer (10) made of a material that is capable of plastic flow and erosion when under high pressure, and a third functional layer made of armoured sheet steel or an equivalent.

IPC 8 full level  
**F41H 5/04** (2006.01); **F41H 7/04** (2006.01)

CPC (source: EP)  
**F41H 5/0442** (2013.01); **F41H 7/042** (2013.01)

Citation (opposition)  
Opponent :

- DE 19643757 B4 20090102 - DENEL PTY LTD [ZA]
- DE 363437 C 19221109 - KOMPOSITIONS PANZERPLATTEN GES

Cited by  
EP2855964A4; FR3103548A1; US9090338B2; WO2021104998A1; WO2010012913A1

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 RO SE SI SK TR

Designated extension state (EPC)  
LT

DOCDB simple family (publication)  
**EP 1464915 A1 20041006; EP 1464915 B1 20120711; EP 1464915 B2 20150603; EP 1464915 B8 20120829;** DK 1464915 T3 20121022; DK 1464915 T4 20150907; ES 2391267 T3 20121122; ES 2391267 T5 20150810; NO 20055069 D0 20051031; NO 20055069 L 20051229; NO 333308 B1 20130429; WO 2004088238 A1 20041014

DOCDB simple family (application)  
**EP 03007323 A 20030401;** DK 03007323 T 20030401; EP 2004003395 W 20040331; ES 03007323 T 20030401; NO 20055069 A 20051031