

Title (en)

Reactive armour with improved efficiency

Title (de)

Reaktive Panzeranordnung mit verbesserter Wirksamkeit

Title (fr)

Blindage réactif à efficacité améliorée

Publication

EP 1746379 A1 20070124 (FR)

Application

EP 06291138 A 20060712

Priority

FR 0507737 A 20050719

Abstract (en)

The armor has a case (2) comprising a front wall (3) and for being fixed to an external wall (4) of a vehicle. The case encloses five reactive modules (5a-5e) each comprising a metal plate (6) on which an explosive sheet (7) is applied. The plates (6) are disposed along an orientation inclined relative to a missile arrival direction (delta). The explosive sheets are connected to an explosive layer (9) by relay explosive tabs (10), where the layer is integrated to the front wall.

IPC 8 full level

F41H 5/007 (2006.01); **F41H 5/04** (2006.01)

CPC (source: EP)

F41H 5/007 (2013.01); **F41H 5/0442** (2013.01)

Citation (applicant)

- EP 0161390 A1 19851121 - ISRAEL STATE [IL]
- US 5824941 A 19981020 - KNAEPPER STEFAN [DE]

Citation (search report)

- [XAY] US 5824941 A 19981020 - KNAEPPER STEFAN [DE]
- [Y] EP 0379080 A2 19900725 - ISRAEL STATE [IL]
- [A] DE 3624179 B3 20040415 - DEISENROTH FRIEDRICH-ULF [DE]
- [A] DE 4226897 C1 19980108 - DAIMLER BENZ AEROSPACE AG [DE]

Cited by

EP2045566A3; US8091465B2; EP2975198A1; US9346427B2

Designated contracting state (EPC)

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

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

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DOCDB simple family (application)

EP 06291138 A 20060712; AT 06291138 T 20060712; DE 602006012903 T 20060712; DK 06291138 T 20060712; FR 0507737 A 20050719; IL 17694706 A 20060719