

Title (en)

Reactive armour effective against normal and skew attack

Title (de)

Reaktiv-Pauzerung gegen senkrechte oder schräge Einschläge

Title (fr)

Blindage actif contre des attaques perpendiculaires ou obliques

Publication

EP 0689028 A1 19951227 (EN)

Application

EP 94401389 A 19940621

Priority

- EP 94401389 A 19940621
- IL 8898589 A 19890118

Abstract (en)

An ad-on reactive armour element effective against normal and skew attack. The element is a multilayer composite body in which each layer tightly bears against each contiguous layer, which multilayer composite body comprises an outer cover (1), at least one explosive layer (2), at least one intermediary inert body (3) and a base plate (4), the intermediary layer or layers may be, for example, of aluminium, glass or ceramics. The armour uses the effect of the dynamic collapse of the inert body (13): the explosion of the explosive layer (2) creates compressive stress within the inert body (3). That pressure closes the crater produced by the first part of the jet so that a new barrier is created for the following part of the jet.

<IMAGE>

IPC 1-7

F41H 5/007

IPC 8 full level

F41H 5/007 (2006.01)

CPC (source: EP)

F41H 5/007 (2013.01)

Citation (search report)

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