

Title (en)
REACTIVE PROTECTIVE DEVICE

Title (de)
REAKTIVE SCHUTZVORRICHTUNG

Title (fr)
DISPOSITIF DE PROTECTION REACTIF

Publication
EP 1846723 B1 20100630 (DE)

Application
EP 05700782 A 20050110

Priority
EP 2005000142 W 20050110

Abstract (en)
[origin: WO2006074685A1] The invention relates to a reactive protective device that does not cause end-ballistically relevant splintering for an object to be protected, characterized in that two pyrotechnic layers (2, 3) slanted in the active area of the threat are placed on both sides of a rigid or flexible, single layer or multilayer support (4) of any shape so that shock waves and reaction gases are formed once both layers are ignited and these shock waves and reaction gases are accelerated at a very high speed at an angle both against as well as in the direction of the penetrating threat in such a manner that the pyrotechnic protective surface is in a dynamic balance for almost the entire active time.

IPC 8 full level
F41H 5/007 (2006.01)

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Cited by
DE102010034257A1; DE102010034257B4; WO2012019677A1

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