

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)

CPC (source: EP KR US)  
**F41H 5/007** (2013.01 - EP KR US)

Cited by  
DE102010034257A1; DE102010034257B4; WO2012019677A1

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**WO 2006074685 A1 20060720**; AT E472712 T1 20100715; CA 2592760 A1 20060720; CA 2592760 C 20120529; DE 502005009843 D1 20100812; DK 1846723 T3 20101025; EP 1846723 A1 20071024; EP 1846723 B1 20100630; ES 2347797 T3 20101104; IL 166873 A 20101230; KR 101194295 B1 20121029; KR 20070098805 A 20071005; NO 20074016 L 20071005; NO 338962 B1 20161107; PL 1846723 T3 20101231; US 2006162539 A1 20060727

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