

Title (en)  
PROTECTIVE DEVICE AGAINST CHARGES FORMING A PROJECTILE

Title (de)  
SCHUTZEINRICHTUNG GEGEN PROJEKTIL BILDENDE LADUNGEN

Title (fr)  
DISPOSITIF DE PROTECTION CONTRE DES CHARGES FORMANT DES PROJECTILES

Publication  
**EP 2473815 A1 20120711 (DE)**

Application  
**EP 10749801 A 20100828**

Priority  
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• EP 2010005302 W 20100828

Abstract (en)  
[origin: WO2011035841A1] The invention relates to a protective device (1), consisting of material strips (1, 2, 3, 4) made of at least two different materials (A, B, C), wherein the thickness (t) of the strips (1, 2, 3, 4) is considerably larger than the height (h) and the height (h) of the strips (1, 2, 3, 4) is at least half as large as the caliber of the explosively formed projectile and both materials have considerably different strengths. The alignment of said sandwich composition (1) is such that the material layers arranged on top of each other face the impact direction. Thus, a projectile designed in the direction of the protective structure shears off and no longer slide through the protection in a straight manner.

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

CPC (source: EP US)  
**F41H 5/04** (2013.01 - EP US)

Citation (search report)  
See references of WO 2011035841A1

Citation (examination)  
• GB 543645 A 19420306 - HUNT & TURNER LTD, et al  
• DE 3122367 C1 19941222 - DEUTSCHE AEROSPACE [DE]  
• WO 2009096956 A1 20090806 - BELL HELICOPTER TEXTRON INC [US], et al

Citation (third parties)  
Third party :  
• DE 3122367 C1 19941222 - DEUTSCHE AEROSPACE [DE]  
• GB 1142689 A 19690212 - AEROJET GENERAL CO

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