

Title (en)

ARMOR PANELS HAVING STRIP-SHAPED PROTECTION ELEMENTS

Title (de)

PANZERTAFELN MIT STREIFENFÖRMIGEN SCHUTZELEMENTEN

Title (fr)

PANNEAUX DE BLINDAGE AYANT DES ÉLÉMENTS DE PROTECTION EN FORME DE BANDE

Publication

EP 2598826 A2 20130605 (EN)

Application

EP 11834777 A 20110728

Priority

- US 84773810 A 20100730
- US 2011045718 W 20110728

Abstract (en)

[origin: US2012024138A1] An armor panel having an impact face is provided. The armor panel includes at least one rigid absorbing layer and a high-tensile confining layer surrounding the at least one rigid absorbing layer. The at least one rigid absorbing layer can have a plurality of strip-shaped protection elements that are adhered to one another along a plane substantially orthogonal to the impact face. The at least one rigid absorbing layer can be formed of a glass-ceramic material having a coefficient of thermal expansion substantially equal to zero and that, upon impact by a projectile, converts to a dilatant power at least in an area of impact.

IPC 8 full level

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CPC (source: EP US)

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