

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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DOCDB simple family (publication)

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