

Title (en)

COMPOSITE BALLISTIC PANELS AND METHOD OF USE

Title (de)

BALLISTISCHE VERBUND-PLATTEN UND VERWENDUNGSVERFAHREN

Title (fr)

PANNEAU PARE-BALLES COMPOSITE ET SA MÉTHODE D'UTILISATION

Publication

EP 2156135 B1 20120111 (EN)

Application

EP 07872517 A 20070525

Priority

US 2007012541 W 20070525

Abstract (en)

[origin: WO2008153515A4] A panel had a first face and a second face, including a strike face portion (22) having a first plurality of plies each containing fibers in a matrix material (26). There is a support portion (28) adjacent to the strike face portion (22), the support portion (28) containing a second plurality of plies each having fibers in a matrix material (36). Each ply is bound to an adjacent ply and the first fibers are lower- performing relative to the second fibers. Protection from a ballistic threat may be provided by providing such a panel with the strike face (23) disposed toward the threat. In another aspect, a composite ballistic panel may contain fibers in a thermoplastic matrix material, to the substantial exclusion of thermosetting matrix materials.

IPC 8 full level

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