

Title (en)
MULTILAYERED COMPOSITE BALLISTIC ARTICLE

Title (de)
MEHRSCHICHTIGER BESCHUSSSICHERER VERBUNDARTIKEL

Title (fr)
ARTICLE BALISTIQUE COMPOSITE MULTI-COUCHES

Publication
EP 3328635 A4 20190227 (EN)

Application
EP 16830961 A 20160506

Priority

- US 201514810360 A 20150727
- US 201514810309 A 20150727
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Abstract (en)
[origin: WO2017019144A1] A multi-paneled penetration resistant composite comprises a layered panel configuration that mitigates transmission of impact stress between adjacent, or proximate, penetration resistant composite panels. For example, areas of reduced density, provided by an intermediate stress mitigation panel positioned between adjacent composite panels and varying densities of composite layers within a composite panel, can mitigate transmission of stress between adjacent, or proximate, composite panels. For example, areas of varying density within a multi-layer panel are configured to can mitigate transmission of stress between adjacent, or proximate, composite layers within a panel.

IPC 8 full level
B32B 5/26 (2006.01); **B32B 1/00** (2006.01); **B32B 3/12** (2006.01); **B32B 5/02** (2006.01); **B32B 7/022** (2019.01); **B32B 9/00** (2006.01)

CPC (source: EP US)
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Citation (search report)

- [XA] EP 2551103 A1 20130130 - ROCKY RESEARCH [US]
- [XA] US 2010269539 A1 20101028 - ROCKENFELLER UWE [US], et al
- [A] US 2006147691 A1 20060706 - ROCKENFELLER UWE [US], et al
- [A] US 2010119747 A1 20100513 - ROCKENFELLER UWE [US], et al
- See references of WO 2017019144A1

Designated contracting state (EPC)
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