

Title (en)  
SOFT BODY ARMOR ASSEMBLY

Title (de)  
PANZERANORDNUNG FÜR WEICHE KÖRPER

Title (fr)  
ENSEMBLE DE BLINDAGE À CORPS SOUPLE

Publication  
**EP 4291851 A2 20231220 (EN)**

Application  
**EP 22756743 A 20220211**

Priority  
• US 202163148278 P 20210211  
• US 2022016238 W 20220211

Abstract (en)  
[origin: WO2022177832A2] The present disclosure is directed to a soft body armor assembly that comprises a first subpanel and a second subpanel. The first subpanel may have a first portion and a second portion. The first portion may have a first plurality of ultra-high molecular weight polyethylene fiber sheets. Each sheet of the first plurality may have two single layers of unidirectional sheets cross plied at 90 degrees to one another. The second portion may have a second plurality of ultra-high molecular weight polyethylene fiber sheets. The second subpanel may comprise a third portion and a fourth portion. The third portion may have a third plurality of ultra-high molecular weight polyethylene fiber sheets. The fourth portion may have one or more composite sheets.

IPC 8 full level  
**F41H 1/02** (2006.01); **B29C 65/00** (2006.01); **B29C 65/62** (2006.01); **F41H 5/04** (2006.01)

CPC (source: EP)  
**F41H 1/02** (2013.01); **F41H 5/0485** (2013.01)

Citation (search report)  
See references of WO 2022177832A2

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

Designated validation state (EPC)  
KH MA MD TN

DOCDB simple family (publication)  
**WO 2022177832 A2 20220825**; **WO 2022177832 A3 20221103**; AU 2022224494 A1 20230824; CA 3207683 A1 20220825; EP 4291851 A2 20231220

DOCDB simple family (application)  
**US 2022016238 W 20220211**; AU 2022224494 A 20220211; CA 3207683 A 20220211; EP 22756743 A 20220211