

Title (en)  
ARMOR SYSTEM

Title (de)  
PANZERUNGSSYSTEM

Title (fr)  
SYSTEME DE BLINDAGE

Publication  
**EP 1499847 A2 20050126 (EN)**

Application  
**EP 03718475 A 20030417**

Priority  
• US 0312233 W 20030417  
• US 37375502 P 20020417

Abstract (en)  
[origin: WO03089869A2] An armor system is provided having an outer case of woven or unidirectional fibers filled with one or more protective materials. The outer case includes a pressure sensitive adhesive bonded to one side for quick and easy application to a body to be protected. The protective materials may include ceramic material which may be in the form of ceramic tile sheets, loose ceramic balls, or perforated tiles, multiple layers of woven or unidirectional cloth, and steel mesh. These materials may be used alone or in any combination. A tensioned energy layer and/or a self-healing layer may be provided to fill a void created by a projectile.

IPC 1-7  
**F41H 5/04**

IPC 8 full level  
**F41H 5/04** (2006.01)

CPC (source: EP US)  
**F41H 5/0428** (2013.01 - EP US); **F41H 5/0492** (2013.01 - EP US)

Citation (search report)  
See references of WO 03089869A2

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)  
**WO 03089869 A2 20031030; WO 03089869 A3 20040422**; AU 2003221736 A1 20031103; AU 2003221736 A8 20031103;  
EP 1499847 A2 20050126; IL 164589 A0 20051218; US 2006065111 A1 20060330

DOCDB simple family (application)  
**US 0312233 W 20030417**; AU 2003221736 A 20030417; EP 03718475 A 20030417; IL 16458904 A 20041014; US 51178105 A 20051019