

Title (en)
Ballistic armor

Title (de)
Ballistische Panzerung

Title (fr)
Blindage ballistique

Publication
EP 1363101 A1 20031119 (EN)

Application
EP 03007391 A 20030402

Priority
IL 14959102 A 20020512

Abstract (en)
Ballistic armor for providing ballistic protection from an impacting projectile threat. The armor comprises a plurality of composite armor units. Each unit comprises a ceramic body having a cylindrical body portion with two end faces, one of which is adapted to face said threat. Each unit further comprises a non-ceramic belt member assembled with the ceramic body so that said member contiguously surrounds the cylindrical body portion without covering the one end face. <IMAGE>

IPC 1-7
F41H 5/04

IPC 8 full level
F41H 5/02 (2006.01); **F41H 5/04** (2006.01)

CPC (source: EP US)
F41H 5/023 (2013.01 - EP US); **F41H 5/0414** (2013.01 - EP US); **F41H 5/0492** (2013.01 - EP US)

Citation (applicant)
• US 3616112 A 19711026 - DESAI RAMESH R
• US 5361678 A 19941108 - ROOPCHAND BRIJMOHAN J [US], et al
• US 6112635 A 20000905 - COHEN MICHAEL [IL]

Citation (search report)
• [X] DE 3122367 C1 19941222 - DEUTSCHE AEROSPACE [DE]
• [Y] GB 2279445 A 19950104 - POUURES & EXPLOSIFS STE NALE [FR]
• [Y] WO 0047944 A1 20000817 - ISRAEL STATE [IL], et al
• [A] FR 2526535 A1 19831110 - PEQUIGNOT MICHEL [FR]
• [A] EP 1128154 A2 20010829 - ISRAEL STATE [IL]
• [A] EP 0499812 A1 19920826 - ISRAEL STATE [IL], et al

Citation (third parties)
Third party :
• WO 9815796 A1 19980416 - GOODANEW MARTIN ERIC [GB], et al
• US 6112635 A 20000905 - COHEN MICHAEL [IL]
• US 6289781 B1 20010918 - COHEN MICHAEL [IL]
• US 5361678 A 19941108 - ROOPCHAND BRIJMOHAN J [US], et al
• US 4534266 A 19850813 - HUET ROGER [FR]
• EP 0699887 A2 19960306 - A F H INVESTMENT LTD [VG]
• US 4179979 A 19791225 - COOK RICHARD L [US], et al

Cited by
EP2072943A1; EP1707913A1; EP2028434A1; DE102006053047A1; DE102006053047B4; DE102007050660B4; DE102007050660A1; DE102007050658B4; DE102007050658A1; EP2386817A1; EP1734332A3; EP2466248A2; US8215222B1; WO2008055468A1; WO2006050554A1; US7712407B2; US8015909B2; US8833229B2; WO2006011133A1; WO2009080311A1; JP2008507885A; US7688278B2; US8590438B2; US8646371B2

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DOCDB simple family (application)
EP 03007391 A 20030402; IL 14959102 A 20020512; US 38875803 A 20030317