

Title (en)

Transparent armour

Title (de)

Durchsichtige Panzerung

Title (fr)

Blindage transparent

Publication

EP 1916495 B1 20131204 (EN)

Application

EP 06076944 A 20061027

Priority

EP 06076944 A 20061027

Abstract (en)

[origin: EP1916495A1] The invention relates to a transparent armour suitable for providing ballistic protection from an impacting projectile, the armour comprising a plurality of transparent pellets (1) arranged in a layer and embedded in a transparent matrix (2), wherein the ratio of the refractive index of the pellets (1) to the refractive index of the matrix (2) is in the range of 0.9:1 to 1.1:1.

IPC 8 full level

F41H 5/04 (2006.01); **F41H 5/26** (2006.01)

CPC (source: EP)

F41H 5/0407 (2013.01); **F41H 5/0492** (2013.01); **F41H 5/26** (2013.01)

Citation (examination)

WO 9960327 A1 19991125 - COHEN MICHAEL [IL]

Cited by

CN111620685A; US2015377593A1; EP2500683A3; US8893606B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1916495 A1 20080430; **EP 1916495 B1 20131204**; DK 1916495 T3 20140224; ES 2446922 T3 20140310; PL 1916495 T3 20140530

DOCDB simple family (application)

EP 06076944 A 20061027; DK 06076944 T 20061027; ES 06076944 T 20061027; PL 06076944 T 20061027