

Title (en)
Transparent ballistics protection system

Title (de)
Transparentes Ballistik-Schutzsystem

Title (fr)
Système de protection balistique transparent

Publication
EP 2500683 A3 20150429 (DE)

Application
EP 12001709 A 20120313

Priority
DE 102011014100 A 20110316

Abstract (en)
[origin: EP2500683A2] The transparent ballistic protection system has a component made of a polycrystalline ceramic or a monocrystal and a matrix material that partially covers the component. The component has an optical refractive index. The matrix material has an optical refractive index. Multiple components are provided in layer. The components are made of an unpolished ceramic or crystal. The components are formed as small plates, tiles, blocks or cylinders. A material layer is made of a plastic film. The matrix material is made of an inorganic adhesive or polymers.

IPC 8 full level
F41H 5/04 (2006.01)

CPC (source: EP)
F41H 5/0407 (2013.01)

Citation (search report)

- [X] EP 1916495 A1 20080430 - TNO [NL]
- [X] US 2010330341 A1 20101230 - PERCIVAL JEFFREY D [US], et al
- [AD] US 3684631 A 19720815 - DUNBAR JACK D

Cited by
DE102014208365A1

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

DOCDB simple family (publication)
EP 2500683 A2 20120919; EP 2500683 A3 20150429; EP 2500683 B1 20180516; DE 102011014100 A1 20120920

DOCDB simple family (application)
EP 12001709 A 20120313; DE 102011014100 A 20110316