

Title (en)

Compound armour element, in particular compound armour plate for protection against projectiles

Title (de)

Verbundpanzerungselement, insbesondere Verbundpanzerplatte, zum Schutz vor Geschossen

Title (fr)

Élément de blindage composite, notamment plaque de blindage composite, pour la protection contre des projectiles

Publication

**EP 2363683 A3 20131030 (DE)**

Application

**EP 11157042 A 20110304**

Priority

DE 102010000648 A 20100305

Abstract (en)

[origin: EP2363683A2] The element has a layer of high hard elements (GE) that are arranged parallel to each other. An auxiliary element (1) is provided in closing rows, which are defined at outer and inner edges of the element, or in gaps between the hard elements. The auxiliary element is sectioned at a side, which is turned towards the edges, in a cylindrical axis direction or in a direction parallel or inclined to the cylinder axis. Edge strips (RS') made of fibrous material and/or metal are arranged at the outer edge, where the auxiliary element is made of ceramic material or metal. An independent claim is also included for a vehicle with an outer vehicle structure.

IPC 8 full level

**F41H 5/04** (2006.01)

CPC (source: EP)

**F41H 5/0492** (2013.01)

Citation (search report)

- [Y] DE 102006053047 A1 20080515 - KRAUSS MAFFEI WEGMANN GMBH & C [DE]
- [Y] US 5703318 A 19971230 - FRANCHINO ANTHONY R [US], et al
- [Y] GB 2272272 A 19940511 - T & N TECHNOLOGY LTD [GB]
- [A] EP 0041271 A1 19811209 - GORUM ALVIN EUGENE
- [A] WO 2006103431 A1 20061005 - SECR DEFENCE [GB], et al
- [A] EP 1959223 A2 20080820 - KRAUSS MAFFEI WEGMANN GMBH & C [DE]

Cited by

US2016361890A1; US10286623B2

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 2363683 A2 20110907; EP 2363683 A3 20131030; EP 2363683 B1 20171227**; DE 102010000648 A1 20110908;  
DE 102010000648 B4 20240919

DOCDB simple family (application)

**EP 11157042 A 20110304**; DE 102010000648 A 20100305