

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 B1 20171227 (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 (examination)

EP 1400775 A1 20040324 - COHEN MICHAEL [IL]

Citation (opposition)

Opponent : Rheinmetall Waffe Munition GmbH

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- EP 1959223 A2 20080820 - KRAUSS MAFFEI WEGMANN GMBH & C [DE]
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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

DOCDB simple family (publication)

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EP 11157042 A 20110304; DE 102010000648 A 20100305