

Title (en)
Flat compound armour element

Title (de)
Flächiges Verbundpanzerungselement

Title (fr)
Élément de blindage composite plat

Publication
EP 2053339 B1 20130313 (DE)

Application
EP 08018139 A 20081016

Priority
DE 102007050658 A 20071024

Abstract (en)
[origin: EP2053339A2] The element (10) has active bodies (11a-11c) embedded in a matrix substance (12). Continuous cut-outs (T1, T3) extend over a total thickness (d) of the element. Cumulative masses of the bodies found in the cut-outs are altered compared to a reference cut-out (T2) of same dimension in a direction of length and breadth so that altered protective effect is produced in the continuous cut-outs. The reference-cut-out extends over the total thickness. A number of the bodies in the continuous cut-outs is altered. Filler made of solid matter e.g. polyurethane foam, is added to the substance. Independent claims are also included for the following: (1) a vehicle comprising a surface to be protected (2) a method for manufacturing a flat composite armor element.

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F41H 5/04 (2006.01)

CPC (source: EP)
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