

Title (en)

Ballistic element and armoured structure incorporating the same

Title (de)

Ballistisches Element und Panzeranordnung, ein solches Ballistisches Element umfassend

Title (fr)

Élément balistique et structure renforcée incorporant un tel élément balistique

Publication

**EP 2233877 A1 20100929 (EN)**

Application

**EP 09425121 A 20090327**

Priority

EP 09425121 A 20090327

Abstract (en)

A ballistic element (1) with sided and/or overlapped ceramic tiles (3) sided and an armoured structure (10) incorporating them provides an optimal compromise between projectile penetration resistance and thickness, and it comprises at least two overlapped layers (4, 5) formed by sided ceramic tiles, between said at least two layers (4, 5), an interface being provided between said at least two layers (4, 5), said interface comprising a space (7) filled with a elastomeric material and being tilted with respect to the longitudinal and transversal development of the ballistic element.

IPC 8 full level

**F41H 5/04** (2006.01)

CPC (source: EP)

**F41H 5/0428** (2013.01)

Citation (search report)

- [X] DE 102005050981 A1 20070426 - KRAUSS MAFFEI WEGMANN GMBH & C [DE]
- [X] DE 4125918 A1 19920213 - FICHT GMBH [DE]
- [X] US 3684631 A 19720815 - DUNBAR JACK D
- [A] WO 2007001433 A2 20070104 - BIOMED SOLUTIONS LLC [US], et al

Cited by

US10286623B2; WO2012063271A3

Designated contracting state (EPC)

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 SE SI SK TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

**EP 2233877 A1 20100929**

DOCDB simple family (application)

**EP 09425121 A 20090327**