

Title (en)

DEFORMATION ELEMENT AND METHOD FOR PRODUCING A DEFORMATION ELEMENT

Title (de)

DEFORMATIONSELEMENT UND VERFAHREN ZUR HERSTELLUNG EINES DEFORMATIONSELEMENTS

Title (fr)

ÉLÉMENT À DÉFORMATION ET PROCÉDÉ DE FABRICATION D'UN ÉLÉMENT À DÉFORMATION

Publication

**EP 2901099 B1 20190123 (DE)**

Application

**EP 13783247 A 20130926**

Priority

- DE 102012109190 A 20120927
- DE 2013100343 W 20130926

Abstract (en)

[origin: WO2014048420A1] The invention illustrates and describes a deformation element (1) for protecting a device (10) in a vehicle by transforming energy into energy of deformation under the action of a blast, with an upper fastening region (2) to be fastened to the device (10) and a lower fastening region (3) to be fastened to the vehicle, wherein the two fastening regions are connected together via an upper leg (4) and a lower leg (5). To achieve a more compact construction overall and thereby to save space, weight and costs on the vehicle as a whole, it is proposed that the two legs (4, 5) are arranged substantially in a V-shape in relation to one another.

IPC 8 full level

**F41H 7/04** (2006.01)

CPC (source: EP)

**F41H 7/046** (2013.01)

Citation (examination)

DE 102008053152 A1 20100429 - KRAUSS MAFFEI WEGMANN GMBH & C [DE]

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)

**DE 102012109190 A1 20140327; DE 102012109190 B4 20140528;** EP 2901099 A1 20150805; EP 2901099 B1 20190123; ES 2712680 T3 20190514; WO 2014048420 A1 20140403

DOCDB simple family (application)

**DE 102012109190 A 20120927;** DE 2013100343 W 20130926; EP 13783247 A 20130926; ES 13783247 T 20130926