

Title (en)

Method for repairing a compound armour element and repair set for performing the repairs

Title (de)

Verfahren zur Instandsetzung eines Verbundpanzerungselements sowie Reparatur-Set zur Durchführung der Instandsetzung

Title (fr)

Procédé de réparation d'un élément de blindage composite et kit de réparation destiné à la réalisation de la réparation

Publication

**EP 2363682 B1 20190904 (DE)**

Application

**EP 11156737 A 20110303**

Priority

DE 102010000649 A 20100305

Abstract (en)

[origin: EP2363682A2] The repair method involves withdrawing a damaged defective-active body and inserting an undamaged replacement-active body (22) of higher protective effect. The replacement-active body consists of another material than the defective-active body. The replacement-active body has higher hardness than the defective-active body. An independent claim is also included for a repair kit for repairing a composite armor element, particularly a composite armor plate.

IPC 8 full level

**F41H 5/04** (2006.01)

CPC (source: EP)

**F41H 5/0492** (2013.01)

Citation (opposition)

Opponent : Rheinmetall Waffe Munition GmbH

- EP 2071272 A2 20090617 - COHEN MICHAEL [IL]
- FR 1604806 A 19720417
- WO 2009009855 A1 20090122 - ARMATEC SURVIVABILITY CORP [CA], et al
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- FR 2930478 A1 20091030 - ATECA SOC PAR ACTIONS SIMPLIFI [FR], et al
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- DE 1578324 A1 19700102 - AEROJET GENERAL CO
- DE 102005050981 A1 20070426 - KRAUSS MAFFEI WEGMANN GMBH & C [DE]
- DE 102006053047 A1 20080515 - KRAUSS MAFFEI WEGMANN GMBH & C [DE]
- DE 102007050660 A1 20090430 - KRAUSS MAFFEI WEGMANN GMBH & C [DE]
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- DE 102005013660 A1 20060928 - KRAUSS MAFFEI WEGMANN GMBH & C [DE]
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- US 3765299 A 19731016 - PAGANO V, et al
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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)

**EP 2363682 A2 20110907; EP 2363682 A3 20131030; EP 2363682 B1 20190904;** DE 102010000649 A1 20110908;  
DE 102010000649 B4 20130425

DOCDB simple family (application)

**EP 11156737 A 20110303;** DE 102010000649 A 20100305