

Title (en)
Attachment mechanism for armour elements

Title (de)
Befestigungsvorrichtung für Panzerplatten

Title (fr)
Dispositif de fixation pour éléments de blindage

Publication
EP 2453198 A2 20120516 (EN)

Application
EP 11188560 A 20111110

Priority
IL 20925310 A 20101111

Abstract (en)
An attachment mechanism adapted for attachment of an armor element (A) to a body (B) to be protected by the armor element (A). The attachment mechanism comprises a first unit (100) and a second unit (200) which are adapted to engage with each other to provide the attachment. The first unit (100) comprises a first static member (110) and the second unit (200) comprising a second static member (210) and a working member (220). One of the static members (110,210) is adapted for fixed attachment to the armor element (A), and the other (210,110) is adapted for fixed attachment to the body (B) to be protected. The second unit (200) is configured for assuming a first, disengaged position, in which the working member (220) is disengaged from the first unit (100) such that the armor element (A) and the body (B) to be protected are detached from one another and a second, engaged position in which the working member (220) is engaged with the first unit (100) such that the armor element (A) and the body (B) to be protected are fixedly attached to one another. The working member (220) further comprises a locking member (240) configured for engagement with the first unit (100) to prevent disengagement of the working member (220) from the first unit (100), thereby retaining the first unit (100) and the second unit (200) fixedly attached to one another.

IPC 8 full level
F41H 5/013 (2006.01)

CPC (source: EP US)
F41H 5/013 (2013.01 - EP US); **Y10T 403/20** (2015.01 - EP US); **Y10T 403/59** (2015.01 - EP US); **Y10T 403/599** (2015.01 - EP US)

Cited by
EP3364144A1; WO2021258162A1

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2453198 A2 20120516; EP 2453198 A3 20170329; EP 2453198 B1 20200617; AU 2011250760 A1 20120531; AU 2011250760 B2 20161110; CA 2757704 A1 20120511; CA 2757704 C 20200825; ES 2814283 T3 20210326; IL 209253 A0 20110131; IL 209253 A 20170529; PL 2453198 T3 20201116; US 2012170975 A1 20120705

DOCDB simple family (application)
EP 11188560 A 20111110; AU 2011250760 A 20111111; CA 2757704 A 20111114; ES 11188560 T 20111110; IL 20925310 A 20101111; PL 11188560 T 20111110; US 201113292457 A 20111109