

Title (en)

ARMOR PLATE, ARMOR PLATE COMPOSITE AND ARMOR

Title (de)

PANZERUNGSPLATTE, PANZERUNGSPLETTENVERBUND UND PANZERUNG

Title (fr)

PLAQUE DE BLINDAGE, COMPOSITE DE PLAQUES DE BLINDAGE ET BLINDAGE

Publication

**EP 3983746 A1 20220420 (DE)**

Application

**EP 20822360 A 20200610**

Priority

- DE 102019116153 A 20190613
- IB 2020055448 W 20200610

Abstract (en)

[origin: WO2020250147A1] Armor plate having a thickness of at least 3 mm and an edge length of at least 20 mm, wherein the armor plate (10) consists of a material made largely of a component selected from the group hard metal, cermet and/or combinations thereof. An armor plate composite comprising at least two layers of armor plates and an armor are also provided.

IPC 8 full level

**F41H 5/04** (2006.01); **B32B 3/18** (2006.01); **B32B 7/12** (2006.01); **B32B 9/00** (2006.01); **B32B 9/04** (2006.01)

CPC (source: CN EP GB US)

**B32B 7/12** (2013.01 - CN EP GB US); **B32B 9/041** (2013.01 - CN EP GB); **B32B 9/047** (2013.01 - CN EP GB);  
**B32B 15/043** (2013.01 - CN EP GB US); **B32B 15/14** (2013.01 - CN EP GB); **B32B 15/18** (2013.01 - CN EP GB);  
**B32B 15/20** (2013.01 - CN EP GB); **C22C 14/00** (2013.01 - CN EP GB); **C22C 21/00** (2013.01 - CN EP GB);  
**C22C 29/02** (2013.01 - US); **C22C 29/067** (2013.01 - CN); **C22C 29/08** (2013.01 - CN); **C22C 38/00** (2013.01 - CN EP GB);  
**F41H 5/045** (2013.01 - US); **F41H 5/0457** (2013.01 - US); **F41H 5/0492** (2013.01 - CN EP GB); **B32B 2262/0269** (2013.01 - CN EP GB);  
**B32B 2307/558** (2013.01 - CN EP GB); **B32B 2307/732** (2013.01 - CN EP GB); **B32B 2571/00** (2013.01 - CN EP GB);  
**B32B 2571/02** (2013.01 - US); **B32B 2605/00** (2013.01 - CN EP GB)

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)

**DE 102019116153 A1 20201217**; CN 113939708 A 20220114; EP 3983746 A1 20220420; EP 3983746 A4 20230621; GB 2599845 A 20220413;  
GB 2599845 B 20240221; US 11906273 B2 20240220; US 2022252377 A1 20220811; US 2024151501 A1 20240509;  
WO 2020250147 A1 20201217

DOCDB simple family (application)

**DE 102019116153 A 20190613**; CN 202080042218 A 20200610; EP 20822360 A 20200610; GB 202200122 A 20200610;  
IB 2020055448 W 20200610; US 202017618620 A 20200610; US 202418411653 A 20240112