

Title (en)
VEHICLE ARMOR COMPONENT

Title (de)
FAHRZEUG-PANZERUNGSBAUTEIL

Title (fr)
COMPOSANT DE BLINDAGE DE VÉHICULE

Publication
EP 3153810 B1 20180502 (DE)

Application
EP 16191710 A 20160930

Priority
DE 102015116879 A 20151005

Abstract (en)
[origin: US2017299344A1] An armoring part for a vehicle includes a steel plate made of at least partially hot formed and press hardened armor steel and having a hardness of 380 to 760 Vickers (HV). Applied on at least one side of the steel plate is a coat which is made of a metal material which is softer than a metal material of the armor steel. The coat is a thermally applied layer and has a hardness of 10 to 230 Vickers (HV).

IPC 8 full level
F41H 5/04 (2006.01); **F41H 5/02** (2006.01)

CPC (source: EP US)
C21D 9/42 (2013.01 - EP US); **C22C 38/001** (2013.01 - EP US); **C22C 38/002** (2013.01 - EP US); **C22C 38/02** (2013.01 - EP US); **C22C 38/06** (2013.01 - EP US); **C22C 38/42** (2013.01 - EP US); **C22C 38/44** (2013.01 - EP US); **C22C 38/48** (2013.01 - EP US); **C22C 38/50** (2013.01 - EP US); **C22C 38/52** (2013.01 - EP US); **C22C 38/54** (2013.01 - EP US); **C22C 38/58** (2013.01 - EP US); **C23C 4/08** (2013.01 - US); **C23C 4/18** (2013.01 - US); **F41H 5/023** (2013.01 - US); **F41H 5/0442** (2013.01 - EP US)

Cited by
EP3235925A1

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 3153810 A1 20170412; **EP 3153810 B1 20180502**; DE 102015116879 A1 20170406; DE 102015116879 B4 20191031; US 2017299344 A1 20171019

DOCDB simple family (application)
EP 16191710 A 20160930; DE 102015116879 A 20151005; US 201615285124 A 20161004