

Title (en)
REACTIVE ARMOR

Title (de)
REAKTIVE PANZERUNG

Title (fr)
BLINDAGE RÉACTIF

Publication
EP 3365628 A4 20190911 (EN)

Application
EP 16857033 A 20160830

Priority
• IL 24222715 A 20151022
• IL 24352116 A 20160107
• IL 2016050949 W 20160830

Abstract (en)
[origin: WO2017068568A1] Reactive armour comprises an explosive reactive armour module comprising a first triggering screen and an explosive layer; and at least one explosive module placed in proximity to the reactive armour module and connected to said first triggering screen for detonation. The reactive armour module may have shaped charges to produce a shaped wavefront, and the triggering screen may be divided into at least two triggering parts, each part triggered by a different approach angle of an incoming projectile and each part configured to initiate an explosion in a different part of the reactive armour module or in a different explosive module if provided.

IPC 8 full level
F41H 5/007 (2006.01)

CPC (source: EP KR US)
F41H 5/007 (2013.01 - EP KR US); **F41H 5/04** (2013.01 - KR US); **F41H 7/04** (2013.01 - US)

Citation (search report)
• [XY] EP 2056060 A1 20090506 - SAAB AB [SE]
• [I] US 4051763 A 19771004 - THOMANEK FRANZ RUDOLF
• [Y] EP 0860678 A1 19980826 - DIEHL STIFTUNG & CO [DE]
• [X] US 5577432 A 19961126 - BECKER WILFRIED [DE], et al
• See references of WO 2017068568A1

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)
WO 2017068568 A1 20170427; AU 2016341368 A1 20180510; AU 2022203168 A1 20220602; CA 3021823 A1 20170427;
EP 3365628 A1 20180829; EP 3365628 A4 20190911; JP 2018531363 A 20181025; JP 2021181881 A 20211125; JP 6931647 B2 20210908;
KR 20180093896 A 20180822; SG 11201803237W A 20180530; US 2018299229 A1 20181018

DOCDB simple family (application)
IL 2016050949 W 20160830; AU 2016341368 A 20160830; AU 2022203168 A 20220511; CA 3021823 A 20160830; EP 16857033 A 20160830;
JP 2018521100 A 20160830; JP 2021132429 A 20210816; KR 20187014242 A 20160830; SG 11201803237W A 20160830;
US 201615768636 A 20160830