

Title (en)  
SYSTEM FOR DEFENCE AGAINST THREATS

Title (de)  
SYSTEM ZUR ABWEHR VON BEDROHUNGEN

Title (fr)  
SYSTÈME DE DÉFENSE CONTRE LES MENACES

Publication  
**EP 3341674 B1 20211110 (DE)**

Application  
**EP 16756693 A 20160824**

Priority  
• DE 102015011058 A 20150827  
• EP 2016069939 W 20160824

Abstract (en)  
[origin: WO2017032782A1] The invention proposes a protection and defence system (1) for an infrastructure (100) against a threat approaching the infrastructure (100), comprising at least one effector (2). When a threat is determined, the at least one effector (2) dispenses a non-lethal countermeasure which damages the threat and thus causes its crash. Vision and target tracking means, such as at least a camera and tracker (3), and at least one directing/actuating drive (4) are allocated to the effector (2) or effectors (21-n). The effector(s) (2) and the vision and target tracking means thereof are supported by a modular platform which can be fixedly installed to/on various infrastructures (100), can be removed therefrom and be used in a mobile mode. In addition, the platforms comprise a sensor that detects the spatial position of the effectors (2, 21-n).

IPC 8 full level  
**F41H 11/02** (2006.01)

CPC (source: EP KR US)  
**F41A 9/35** (2013.01 - US); **F41H 11/02** (2013.01 - EP KR US); **F41H 13/00** (2013.01 - KR); **F41H 13/0043** (2013.01 - US); **F42B 5/313** (2013.01 - US)

Citation (examination)  
• US 2009173836 A1 20090709 - KREMEYER KEVIN [US]  
• EP 2685206 A2 20140115 - BOEING CO [US]  
• US 2014251123 A1 20140911 - VENEMA BENJAMIN JOSEPH [US]

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)  
**DE 102015011058 A1 20170302**; EP 3341674 A1 20180704; EP 3341674 B1 20211110; JP 2018525601 A 20180906; JP 6893207 B2 20210623; KR 20180055814 A 20180525; US 10495420 B2 20191203; US 2018238661 A1 20180823; WO 2017032782 A1 20170302

DOCDB simple family (application)  
**DE 102015011058 A 20150827**; EP 16756693 A 20160824; EP 2016069939 W 20160824; JP 2018510750 A 20160824; KR 20187007218 A 20160824; US 201815906330 A 20180227