

Title (en)
ACTIVE PROTECTION SYSTEM

Title (de)
AKTIVES SCHUTZSYSTEM

Title (fr)
SYSTÈME DE PROTECTION ACTIF

Publication
EP 2761245 B1 20171004 (DE)

Application
EP 12755798 A 20120830

Priority
• DE 102011114574 A 20110930
• EP 2012003634 W 20120830

Abstract (en)
[origin: WO2013045015A1] The invention proposes the creation of a decoy target (1, 10) by means of the use of a retro-reflector or a retro-directive antenna (2, 11, 12), preferably in the form of a van-Atta array, or by means of a backscatter system, having means which are able to send a radar signal (RF) actively and accurately back in the direction of incidence and thus to the missile (5). The use of a retro-reflector (2, 11, 12) as an active decoy target has the advantage that, as an active retro-reflector (2, 11, 12), this generates a large radar backscatter frequency cross section (RCS), which permits the production of a large RCS for any desired polarization of the missile (5).

IPC 8 full level
F41H 11/02 (2006.01); **F41J 2/00** (2006.01)

CPC (source: EP)
F41H 11/02 (2013.01); **F41J 2/00** (2013.01)

Cited by
WO2023274721A1

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 2013045015 A1 20130404; DE 102011114574 A1 20130404; DK 2761245 T3 20180108; EP 2761245 A1 20140806;
EP 2761245 B1 20171004; ES 2654603 T3 20180214; NO 2777281 T3 20180728; PL 2761245 T3 20180330; PT 2761245 T 20180108

DOCDB simple family (application)
EP 2012003634 W 20120830; DE 102011114574 A 20110930; DK 12755798 T 20120830; EP 12755798 A 20120830; ES 12755798 T 20120830;
NO 12848184 A 20121107; PL 12755798 T 20120830; PT 12755798 T 20120830