

Title (en)
ACTIVE PROTECTION SYSTEM

Title (de)
AKTIVES SCHUTZSYSTEM

Title (fr)
SYSTÈME DE PROTECTION ACTIF

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Application
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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).

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