Title (en)

METHOD AND DEVICE FOR PROTECTING SHIPS AGAINST END-STAGE GUIDED MISSILES

Title (de)

VERFAHREN UND VORRICHTUNG ZUM SCHÜTZEN VON SCHIFFEN VOR ENDPHASENGELENKTEN FLUGKÖRPERN

Title (fr)

PROCEDE ET DISPOSITIF DE PROTECTION DE BATEAUX CONTRE DES MISSILES GUIDES EN PHASE TERMINALE

Publication

EP 1668310 B1 20110511 (DE)

Application

EP 04764698 A 20040901

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- DE 10346001 A 20031002

Abstract (en)

[origin: WO2005033616A1] The invention relates to a method for protecting ships against end-stage guided missiles provided with a target data analysis system and to a device for carrying out the inventive method which consists in detecting a missile moving towards a protected ship (1) by appropriate sensors, localising and calculating the assessed trajectory thereof by means of a computer, classifying the missile with the aid of target data analysis and the attack structure thereof detected by the sensors, continuously measuring an actual wind speed and the direction thereof by means of measurement sensors, continuously acquiring the ship data such as the forward speed and direction thereof, a rolling and pitching motion by means of motion and/navigation sensors, transmitting sensor data to a fire control computer which controls at least one deceptive body launcher (2) and in generating a model of an effective deceptive body (4) according to said missile and the attack structure thereof taking into account all collected data.

IPC 8 full level

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Cited by

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