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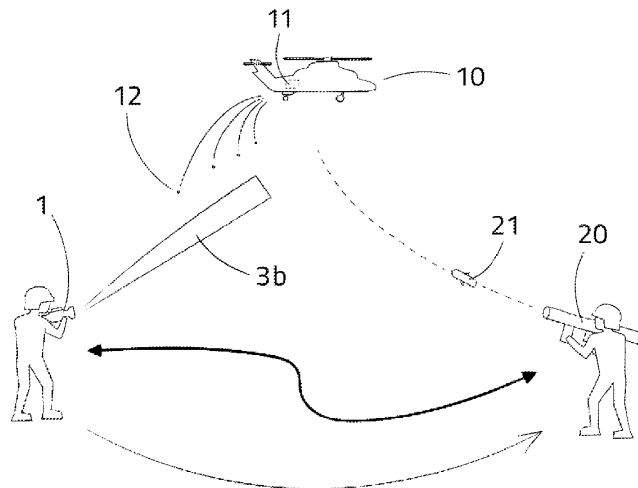
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(54) Title: AIR DEFENSE SYSTEM FOR ANTI-AIRCRAFT COMBAT COMPRIZING COUNTER COUNTER MEASURES DEVICE TO TRIGGER THE COUNTER MEASURE OF THE AIRCRAFT PRIOR LAUNCHING ANTI-AIRCRAFT MISSILE AT THE AIRCRAFT

Fig. 1



(57) Abstract: The invention refers to an air defense system comprising at least one counter countermeasures device, and at least one anti-aircraft weapon system and to an anti - aircraft combat method comprising said air defense system. The counter countermeasures device is configured for generating and emitting electromagnetic radiation of appropriate wavelengths, i.e. simulated missiles, that mimic real anti-aircraft missiles, and, in this way, the anti-aircraft missile launch warning and detection system (MLWDS) installed on aircrafts are deceived and the countermeasures are released. The operation of the counter countermeasures device and of the anti-aircraft weapon system, i.e. emitting of simulated missiles and launching of anti-aircraft missiles, is coordinated. The counter countermeasures device is implemented as a standalone device or is attached to or is integrated into the anti-aircraft weapon system. With the proposed air defense system and method, the efficiency of the anti-aircraft combat is highly improved, i.e. the probability of the target hit is

[Continued on next page]

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highly improved.