Title (en)

METHOD FOR SIMULATING THE DANGER POSED BY HAND GRENADES OR MINES TO PARTICIPANTS IN A MILITARY EXERCISE

Title (de)

VERFAHREN ZUR SIMULATION DER BEDROHUNG VON TEILNEHMERN EINER MILITÄRISCHEN ÜBUNG DURCH HANDGRANATEN ODER MINEN

Title (fr)

PROCEDE DE SIMULATION DES DANGERS ENCOURUS PAR DES PARTICIPANTS A UN EXERCICE MILITAIRE EN PRESENCE DE GRENADES A MAIN OU DE MINES

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Abstract (en)

[origin: DE19803337A1] The invention relates to a method for simulating the danger posed by mines or hand grenades to one or several participants in a military exercise. At least one weaponry simulator (KSIM) simulating a mine or a hand grenade and the sensor devices (HGRM-S) allocated to the individual participants are used and the effect of mines or hand grenades is simulated by transmitting data between the weaponry simulator (KSIM) and the sensor devices of the participants (HGRM-S). According to the invention, data is transmitted through two-way radio communication between the weaponry simulator (KSIM) and the sensor devices of the individual participants (HGRM-S). Radio transmission from the individual sensor devices of the participants (HGRM-S) to the weaponry simulator (KSIM) is carried out in the near field zone of the transmitting and receiving antennae involved. Said transmission serves to confine the effective area of the mines or hand grenades while the radio transmission from the weaponry simulator (KSIM) to the sensor devices of the individual participants (HGRM-S) serves to confirm or verify that the mines or hand grenades have hit a target.

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