

Stand-off electrical incapacitation (Plasma-Taser)

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Abstract

Law enforcement officers, correction personnel, military forces and civilian security personnel have a growing need for less-lethal / non-lethal weapon options for the demands to prevent heavy injuries while projecting force is increasing.

The existing and issued systems suffer from either to cause heavy injuries under some conditions or to be ineffective in some scenarios.

Taking influence on the electro-muscular system of an aggressor by overriding the central nervous system leads to the chance, to stop an attack on distance while preventing injuries.

Causing pain and disorientation at a certain level surely incapacitates the attacker – electrical devices provide this opportunity.

This overview paper presents the Rheinmetall research on the Plasma Taser.

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