

Title:
Novel barriers (-systems) as Non-Lethal Weapons

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Conventional barriers are well-known for a long time and have been employed as well in military as in civil applications. However such devices have many disadvantages, which do not match with new requirements.

Novel barriers should be provided with such attributes like

- high effectiveness

- causing great surprise (in case that they have been buried)

- spontaneously setup and speedy dismantlement

- enhancement/improvement of the effectiveness by combination with further non-lethal means

- environmental friendly

- applicable to the protection of own troops

They can be realized technically as well as stationary or mobile version.

In any case the equipment must be made up of a supporting structure, and between two elements of them there has to be fixed at each side of the structures anything like a modular composed airbag, a net or an intransparent foil or curtain.

The elements can be made of strong airbags or of telescopically erected pipes.

All the airbags and other construction and barrier elements can be inflated by gas generators and/or by any pressure gases of further sources.

Essential operational objectives are

- Separation of conflict parties

- Deny access to personnel preferably

- Control/canalization of crowds