

DESIGN OF METAL DETECTION EQUIPMENT USING MAGNETIC WAVES GENERATION

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Abstract:

In this paper discussed about a tool that can be used as a tracer sharp weapon. This detector can detect the presence of a sharp weapon that was hidden by the visitor center shopping. This detector uses magnetic waves as a means of detection and the search coil as a sensor.

Because the use of magnetic waves, hence this detector has a lot of deficiencies ranging from its unknowable metals which can not be detected until detected. Electric field strength also has a huge influence on the detector. Electric field strength can disrupt the signal emitted by the search coil so that search can not catch the signals reflected back by the metal.

Bibliography: 8 (1985 – 2000)

