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Patent Number(s): US2012194376-A1; WO2012105989-A1

Title: Millimeter wave energy sensing wand for detecting concealed object e.g. gun in airport, has alarm unit that is activated, when anomaly of millimeter or terahertz wave energy emission is detected

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Abstract: NOVELTY - The wand (100) has housing (104) which is grasped by hand of an operator. A pixel portion is provided within the housing so as to detect millimeter or terahertz wave energy emissions. An alarm unit is activated, when anomaly of the millimeter or terahertz wave energy emission is detected. A lens is mounted within the housing so as to focus the millimeter wave energy to the pixel portion. A battery is provided to supply power to the wand portion.

USE - Millimeter wave energy sensing wand for detecting concealed object such as gun and knife in airport.

ADVANTAGE - The millimeter wave energy sensing wand with highly portable design can be obtained efficiently. The weapon detection and theft prevention operations can be performed efficiently through the millimeter wave energy sensing wand.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for millimeter wave energy sensing method.

DESCRIPTION OF DRAWING(S) - The drawing shows a front perspective view of the millimeter wave energy sensing wand.

Millimeter wave energy sensing wand (100)

Handle (102)

Housing (104)

Scan button (106)

Reset button (114)

Derwent Class Code(s): A89 (Photographic, laboratory equipment, optical); W06 (Aviation, Marine and Radar Systems); W07 (Electrical Military Equipment and Weapons)

Derwent Manual Code(s): A04-G02E4; A12-E13; W06-A04H; W06-B02E; W07-F05C

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