

Title (en)

ARTICLE DETECTION IN A LIMITED INTERROGATION ZONE

Title (de)

ARTIKELERMITTLUNG IM EINER BEGRENZTEN ÜBERWACHUNGSZONE

Title (fr)

DETECTION D'ARTICLE DANS UNE ZONE D'INTERROGATION LIMITEE

Publication

EP 0746830 A4 19970205 (EN)

Application

EP 94906478 A 19931230

Priority

US 9312691 W 19931230

Abstract (en)

[origin: WO9518430A1] A detection apparatus includes a transmitter (16) and a receiver (18) antenna positioned on each side of an interrogation zone (10) through which protected articles (42) pass. Electrically conductive shields (20) are positioned on the sides of the antennas (16, 18) facing away from the interrogation zone (10). The transmitter antennas (16) are energized at different frequencies. A summing circuit (36) is connected to receive signals from the two receiver antennas (18) and a signal processor (38) is connected to select intermodulation components in the summer output to activate an alarm (40).

IPC 1-7

G08B 13/187

IPC 8 full level

G08B 13/24 (2006.01)

CPC (source: EP)

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Citation (search report)

- No further relevant documents disclosed
- See references of WO 9518430A1

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DOCDB simple family (publication)

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