

Title (en)

METHOD AND APPARATUS FOR DETECTION OF TRANSPONDER TAGGED OBJECTS

Title (de)

VERFAHREN UND VORRICHTUNG ZUR DETEKTION VON TRANSPONDER-ETIKETTIERTEN OBJEKTEN

Title (fr)

PROCÉDÉ ET APPAREIL PERMETTANT LA DÉTECTION D'OBJETS DOTÉS D'UNE ÉTIQUETTE TRANSPONDEUR

Publication

EP 2142946 A1 20100113 (EN)

Application

EP 07794509 A 20070501

Priority

US 2007010713 W 20070501

Abstract (en)

[origin: WO2008133634A1] The presence or absence of objects (16) is determined by interrogating or exciting transponders (26) coupled to the objects using pulsed wide band frequency signals. Ambient or background noise is evaluated and a threshold adjusted based on the level of noise. Adjustment may be based on multiple noise measurements or samples. Noise detection may be limited, with emphasis placed on interrogation to increase the signal to noise ratio. Match filtering may be employed. Appropriate acts may be taken if detected noise is out of defined limits of operation, for example shutting down interrogation and/or providing an appropriate indication.

IPC 8 full level

G01V 15/00 (2006.01); **A61B 5/00** (2006.01)

CPC (source: EP)

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Citation (search report)

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