

Title (en)

OBJECT RECOGNITION FOR SECURITY SCREENING AND LONG RANGE VIDEO SURVEILLANCE

Title (de)

OBJEKTERKENNUNG FÜR SICHERHEITSSCREENING SOWIE VIDEOÜBERWACHUNG MIT GROSSER REICHWEITE

Title (fr)

RECONNAISSANCE D'OBJETS POUR LE FILTRAGE DE SÉCURITÉ ET LA VIDÉOSURVEILLANCE À GRANDE DISTANCE

Publication

**EP 2676221 A1 20131225 (EN)**

Application

**EP 12706398 A 20120216**

Priority

- US 201161443448 P 20110216
- US 2012025409 W 20120216

Abstract (en)

[origin: WO2012112756A1] A method of detecting an object in image data that is deemed to be a threat includes annotating sections of at least one training image to indicate whether each section is a component of the object (S101), encoding a pattern grammar describing the object using a plurality of first order logic based predicate rules (S102), training distinct component detectors to each identify a corresponding one of the components based on the annotated training images (S103), processing image data with the component detectors to identify at least one of the components (S104), and executing the rules to detect the object based on the identified components (S105).

IPC 8 full level

**G06K 9/00** (2006.01); **G01V 5/00** (2006.01)

CPC (source: EP)

**G06V 20/52** (2022.01); **G06V 2201/05** (2022.01)

Citation (search report)

See references of WO 2012112756A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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