

Title (en)

PROJECTION OF HAZARDOUS ITEMS INTO X-RAY IMAGES OF INSPECTION OBJECTS

Title (de)

PROJEKTION GEFÄHRLICHER GEGENSTÄNDE IN RÖNTGENBILDER VON INSPEKTIONSOBJEKTEN

Title (fr)

PROJECTION D'OBJETS DANGEREUX DANS DES IMAGES DE RAYONS X D'OBJETS À INSPECTER

Publication

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Application

EP 15747984 A 20150701

Priority

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Abstract (en)

[origin: WO2016001282A1] The invention relates to a device (26; 26.1; 26.2) for generating test x-ray images for training and/or testing operating persons at the location of use of at least one x-ray inspection installation (10.1, 10.2, 10.n) for nondestructively inspecting an inspection object (14), in particular a piece of luggage or a package, wherein the generating unit (26; 26.1; 26.2) comprises: an inspection object database (34) for storing x-ray image data of inspection objects (14) generated by means of the at least one x-ray inspection installation (10.1, 10.2, 10.n); a target item database (36) having image data of target items; and an image projection unit (38) for projecting a virtual image of a target item from the target object database (36) into an x-ray image from the inspection object database (34) in order to generate a test x-ray image, wherein the image projection unit (38) is designed to generate test x-ray images on the basis of an x-ray image of an inspection object (14), said x-ray image having been recorded before a first time duration and the associated inspection object having already been classified as safe and/or said x-ray image having been classified as safe in an automatic check. The invention further relates to a corresponding method for generating test x-ray images; a central control unit (18) for at least one x-ray inspection installation (10.1, 10.2, 10.n), said central control unit comprising the generating device (26; 26.1; 26.2); and a luggage- or package-checking system (1).

IPC 8 full level

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CPC (source: EP US)

G01V 5/22 (2024.01 - US); **G09B 5/02** (2013.01 - US); **G09B 19/24** (2013.01 - EP US)

Citation (search report)

See references of WO 2016001282A1

Citation (examination)

WO 2006022660 A2 20060302 - ROOS CHARLES E [US], et al

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