Title (en)

CT TARGET DETECTION USING SURFACE NORMALS

Title (de)

C.T.-ZIELDETEKTION MITTELS OBERFLÄCHENNORMALEN

Title (fr)

DETECTION DE CIBLE PAR TOMOGRAPHIE ASSISTEE PAR ORDINATEUR AU MOYEN DES NORMALES A LA SURFACE

Publication

EP 1019708 A1 20000719 (EN)

Application

EP 98948102 A 19980904

Priority

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- US 94892997 A 19971010
- US 94912797 A 19971010

Abstract (en)

[origin: WO9919716A1] CT (120) baggage (112) inspection with a throughput on order of 700 bags (112) per hour is achieved by excluding unrelated data from reconstruction. By using a threshold, calibration "air scans" can be performed with objects such as the system conveyor (110) in the field of view. The scanner identifies object shape to better detect sheet explosives. The system compensated for dark currents and temperature dependent current offsets.

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IPC 8 full level

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