

Title (en)

Apparatus for the generation of an infrared image.

Title (de)

Vorrichtung zur Erzeugung eines Infrarotbildes.

Title (fr)

Dispositif pour engendrer une image infrarouge.

Publication

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Application

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Priority

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Abstract (en)

[origin: EP0362057A1] A beam of electrons of a cross-section substantially equal to the surface of a pixel (25) produced in a material with a high infrared emitting power bombards this material directly. The beam energy is converted into heat and then into infrared radiation in the material. Each pixel (25) is supported by a block (24) made of a thermally insulating material transparent to infrared radiation and deposited on a thermally conductive screen (21) transparent to infrared radiation. <??>The invention makes it possible to produce infrared images of high dynamics for tests on infrared imaging systems. <IMAGE>

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