

Title (en)

CASSETTE AND DEVICE FOR TESTING OBJECTS

Title (de)

KASSETTE UND VORRICHTUNG ZUR PRÜFUNG VON OBJEKTEN

Title (fr)

CASSETTE ET DISPOSITIF DE CONTRÔLE D OBJETS

Publication

EP 2281220 A1 20110209 (DE)

Application

EP 09734280 A 20090317

Priority

- EP 2009001945 W 20090317
- DE 102008020611 A 20080424

Abstract (en)

[origin: WO2009129899A1] A cassette (56) for use while testing objects (16) for errors comprises an image storage layer (61) tailored in the shape thereof to match the object surface, said layer comprising a substrate (60) that is transparent to both sides and a phosphorus layer (62). The cassette is placed over the surface of the work piece (16) and the work piece is irradiated with X-rays from the opposite side. A reading head (68) that can be moved over the image storage layer (62) activates the excited color centers produced in the image storage layer by X-ray radiation, and the fluorescent light so triggered is registered by photodetectors (86). Using a position signal for the reading head (68), an irradiated image of the object (16) is thus produced.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2009129899A1

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