

Title (en)

METHOD AND APPARATUS FOR PHOTOINDUCTIVE IMAGING

Publication

EP 0479918 A4 19930929 (EN)

Application

EP 90911486 A 19900720

Priority

US 51011290 A 19900417

Abstract (en)

[origin: WO9116638A1] A system for photoinductive imaging for flaw detection of materials and for calibrating eddy-current probes includes positioning an eddy-current probe (14) adjacent to a specimen (12) to be analyzed or to be used as a calibration fixture. A source of thermal energy (20) is modulated and focused to a localized area on the specimen. Thermal energy is then scanned across at least a portion of the detection area of the eddy-probe (14). The resulting signal from the eddy-current probe (14) is recorded and can depict either thermal-influenced components of the specimen (12) or the response pattern of the eddy-current probe (14). The record can therefore be used to image flaws or physical holes or shapes of the specimen or calibrate the eddy-current probe (14).

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Citation (search report)

- No further relevant documents disclosed
- See references of WO 9116638A1

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