

Title (en)
APPARATUS FOR TRIMMING OF PIEZOELECTRIC COMPONENTS.

Title (de)
EINRICHTUNG ZUM TRIMMEN VON PIEZOELEKTRISCHEN KOMPONENTEN.

Title (fr)
APPAREIL D'AJUSTAGE DE COMPOSANTS PIEZOELECTRIQUES.

Publication
EP 0111482 A4 19861201 (EN)

Application
EP 82902309 A 19820614

Priority
US 8200822 W 19820614

Abstract (en)
[origin: WO8400081A1] An apparatus for trimming piezoelectric components of the type characterized by a piezoelectric substrate (41) upon which is deposited a conductive material (42). The apparatus includes a housing (52) for the device at least a portion of which (51) is substantially transparent to electromagnetic energy at a predetermined wavelength. A laser (4) provides energy at the predetermined wavelength and with sufficient intensity to evaporate the conductive material. A test circuit coupled (2) to the device monitors specific frequency-related characteristics and provides a corresponding output to a control system (7). The control system (7) dictates the operation of a deflection system that directs the electromagnetic energy provided by the laser means (4) and a laser power control device (8) that regulates the intensity of that energy.

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B23K 26/351 (2015.10); **G01H 13/00** (2013.01); **H03H 3/04** (2013.01)

Citation (search report)

- No relevant documents have been disclosed.
- No relevant documents have been disclosed.

Cited by
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