

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.

IPC 1-7

**H01L 41/22**; **B23K 26/06**

IPC 8 full level

**B23K 26/00** (2006.01); **G01H 13/00** (2006.01); **H03H 3/04** (2006.01)

CPC (source: EP)

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Citation (search report)

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

Cited by

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