Title (en)

Method of trimming thin metal resistors.

Title (de)

Verfahren zum Abgleichen von Metalldünnschichtwiderständen.

Title (fr)

Procédé pour ajuster des résistances à film mince en métal.

Publication

EP 0055331 A2 19820707 (EN)

Application

EP 81107584 A 19810923

Priority

US 22169580 A 19801231

Abstract (en)

A thin metal film resistor (15) of a capacitative graphic tablet is trimmed to make the resistor linear within about 0.25%. Alternating voltage is applied along the resistor by a source (40). The resistance of the resistor is measured at discrete points by a capacitative probe (34) and the resistance readings are stored in a data processor (45). A profile is calculated in the processor from the stored readings and a trim operation is made by an electro-erosion apparatus.

IPC 1-7

H01C 17/22; G06K 11/06

IPC 8 full level

G01R 27/02 (2006.01); **H01C 17/22** (2006.01); **H01C 17/24** (2006.01)

CPC (source: EP)

H01C 17/22 (2013.01); **H01C 17/2408** (2013.01)

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

EP 0055331 A2 19820707; **EP 0055331 A3 19830518**; **EP 0055331 B1 19850515**; DE 3170519 D1 19850620; JP S57121201 A 19820728; JP S6117124 B2 19860506

DOCDB simple family (application)

EP 81107584 A 19810923; DE 3170519 T 19810923; JP 16654881 A 19811020