

Title (en)

METHOD AND DEVICE FOR STRUCTURING PRINTED CIRCUIT BOARDS

Title (de)

VERFAHREN UND EINRICHTUNG ZUR STRUKTURIERUNG VON LEITERPLATTEN

Title (fr)

PROCEDE ET DISPOSITIF POUR STRUCTURER DES CARTES DE CIRCUIT

Publication

EP 1393603 A1 20040303 (DE)

Application

EP 02740352 A 20020515

Priority

- DE 0201750 W 20020515
- DE 10127357 A 20010606

Abstract (en)

[origin: DE10127357C1] The manufacturing equipment incorporates a table (10) carrying a substrate plate (1). There is a control circuit (9) with connections to first and second lasers (11,21) with lenses (12,23). The light from the lasers (14,24) is directed onto small working areas (3,4) on the plate. The control system may regulate movement of the plate in the x and y directions.

IPC 1-7

H05K 3/06

IPC 8 full level

B23K 26/00 (2006.01); **H05K 3/00** (2006.01); **H05K 3/02** (2006.01); **H05K 3/06** (2006.01); **B23K 101/42** (2006.01); **H05K 1/02** (2006.01); **H05K 3/46** (2006.01)

CPC (source: EP KR US)

H05K 3/027 (2013.01 - EP US); **H05K 3/06** (2013.01 - KR); **H05K 3/062** (2013.01 - EP US); **H05K 1/0263** (2013.01 - EP US); **H05K 1/0265** (2013.01 - EP US); **H05K 3/4644** (2013.01 - EP US); **H05K 2201/09727** (2013.01 - EP US); **H05K 2203/108** (2013.01 - EP US)

Citation (search report)

See references of WO 02100137A1

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

DE 10127357 C1 20020926; CN 1513285 A 20040714; EP 1393603 A1 20040303; JP 2004527923 A 20040909; KR 20040014547 A 20040214; TW 520625 B 20030211; US 2003000916 A1 20030102; US 6783688 B2 20040831; WO 02100137 A1 20021212

DOCDB simple family (application)

DE 10127357 A 20010606; CN 02811388 A 20020515; DE 0201750 W 20020515; EP 02740352 A 20020515; JP 2003501975 A 20020515; KR 20037015842 A 20031203; TW 91105155 A 20020319; US 7989602 A 20020222