

Title (en)

IMPROVED BONDING MEANS AND METHODS FOR POLYMER COATED DEVICES.

Title (de)

VERBESSERTE KLEBMITTEL UND VERFAHREN ZUR HERSTELLUNG VON POLYMERBESCHICHTETEN VORRICHTUNGEN.

Title (fr)

ORGANES AMELIORES DE LIAISON ET PROCEDES PERMETTANT D'OBTENIR DES DISPOSITIFS RECOUVERTS DE POLYMERES.

Publication

**EP 0107701 A1 19840509 (EN)**

Application

**EP 83901540 A 19830404**

Priority

US 37445382 A 19820503

Abstract (en)

[origin: WO8303943A1] Improved characteristics can be obtained in electronic devices (20, 30, 40) by utilizing comparatively soft organic dielectric layers (22, 24, 32, 34, 42, 44) to support one or more conductor layers (23, 25, 33, 35, 43, 45). Bonding problems are avoided by providing a means and method which locates the bonding pads (27, 37, 47) directly on the substrate (21, 31, 41) rather than on the softer organic dielectric layers (22, 24, 32, 34, 42, 44). Fewer masking steps are required compared to the prior art.

Abstract (fr)

On peut obtenir des dispositifs électroniques (20, 30, 40) possédant des caractéristiques améliorées en utilisant des couches diélectriques organiques relativement souples (22, 24, 32, 34, 42, 44) comme supports pour une ou plusieurs couches conductrices (23, 25, 33, 35, 43, 45). Les problèmes de liaison sont éliminés par un organe et par un procédé permettant de disposer les blocs de liaison (27, 37, 47) directement sur le substrat (21, 31, 41) plutôt que sur les couches diélectriques organiques plus souples (22, 24, 32, 34, 42, 44). Moins d'étapes de masquage sont nécessaires par rapport à l'art antérieur.

IPC 1-7

**H05K 1/18**; **H05K 3/46**

IPC 8 full level

**H01L 23/485** (2006.01); **H01L 23/532** (2006.01); **H05K 1/11** (2006.01); **H05K 3/32** (2006.01)

CPC (source: EP)

**H01L 23/5329** (2013.01); **H01L 24/05** (2013.01); **H01L 24/48** (2013.01); **H01L 2224/04042** (2013.01); **H01L 2224/05001** (2013.01); **H01L 2224/05073** (2013.01); **H01L 2224/05556** (2013.01); **H01L 2224/05624** (2013.01); **H01L 2224/05644** (2013.01); **H01L 2224/48463** (2013.01); **H01L 2924/00014** (2013.01); **H01L 2924/01005** (2013.01); **H01L 2924/01013** (2013.01); **H01L 2924/01024** (2013.01); **H01L 2924/01028** (2013.01); **H01L 2924/01029** (2013.01); **H01L 2924/01033** (2013.01); **H01L 2924/01037** (2013.01); **H01L 2924/01061** (2013.01); **H01L 2924/01079** (2013.01); **H01L 2924/01082** (2013.01); **H01L 2924/01084** (2013.01); **H01L 2924/14** (2013.01); **H01L 2924/19041** (2013.01); **H01L 2924/19043** (2013.01); **H05K 1/112** (2013.01); **H05K 3/328** (2013.01)

Designated contracting state (EPC)

DE FR GB NL

DOCDB simple family (publication)

**WO 8303943 A1 19831110**; EP 0107701 A1 19840509

DOCDB simple family (application)

**US 8300472 W 19830404**; EP 83901540 A 19830404