Abstract:

An electronic device, and methods of manufacturing the same are disclosed. The method of manufacturing the electronic device includes forming a first metal layer on a first substrate, forming an integrated circuit or a discrete electrical component on a second substrate, forming electrical connectors on input and/or output terminals of the integrated circuit or discrete electrical component, forming a second metal layer on the first metal layer, the second metal layer improving adhesion and/or electrical connectivity of the first metal layer to the electrical connectors on the integrated circuit or discrete electrical component, and electrically connecting the electrical connectors to the second metal layer.
INTERNATIONAL SEARCH REPORT

International application No.
PCT/US 16/66137

A. CLASSIFICATION OF SUBJECT MATTER
IPC(8) ... Box 1450, Alexandria, Virginia 22313-1450
Facsimile No. 571-273-8300
Form PCT/ISA/210 (second sheet) (January 2015)

Minimum
Category*
Electronic
A

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

See Search History Document

Minimum documentation searched (classification system followed by classification symbols)

See Search History Document

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*
Citation of document, with indication, where appropriate, of the relevant passages
Relevant to claim No.

X
1, 2, 5, 10-12, 14, 15, 19, 20

X
1, 3, 4, 6, 7, 10, 13, 16

X
1-3, 8-10, 12, 13, 17, 18

Further documents are listed in the continuation of Box C.

See patent family annex.

Date of the actual completion of the international search
02 June 2017

Date of mailing of the international search report
06 JUL 2017

Name and mailing address of the ISA/US
Mail Stop PCT, Attn: ISA/US, Commissioner for Patents
P.O. Box 1450, Alexandria, Virginia 22313-1450
Facsimile No. 571-273-8300

Authorized officer:
Lee W. Young
PCT Helpdesk: 571-272-4300
PCT O6P: 571-272-7774

Form PCT/ISA/210 (second sheet) (January 2015)