

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
8 September 2000 (08.09.2000)

PCT

(10) International Publication Number
WO 00/52982 A3

(51) International Patent Classification⁷: **H05K 1/00**

(21) International Application Number: PCT/US00/05374

(22) International Filing Date: 1 March 2000 (01.03.2000)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

60/122,186	1 March 1999 (01.03.1999)	US
09/500,957	15 February 2000 (15.02.2000)	US

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(81) Designated States (*national*): AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW.

(84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

Published:

— *With international search report.*

(88) Date of publication of the international search report:
15 February 2001

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: MULTIFUNCTIONAL LAMINATE STRUCTURE AND PROCESS

(57) Abstract: A multilayered structural element which is useful for forming housings for electronic devices such as cellular telephones. The multilayered structural element has sequentially attached layers: (a) thin, flexible polymeric outer film layer, (b) an electronic interface layer, the electronic interface layer comprising a thin, flexible polymeric film layer having a pattern of electrically conductive lines on at least one side thereof; (c) a rigid structural layer; (d) an electromagnetic interference shielding layer; and (e) an optional protective layer.



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INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 00/05374

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H05K1/00

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

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H05K H01Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EP0-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 643 550 A (PHILIPS PATENTVERWALTUNG ;PHILIPS ELECTRONICS NV (NL)) 15 March 1995 (1995-03-15) claims 1-7; figures 1-5 ----	1,20,23, 24,28-30
A	US 4 686 141 A (BURNS RICHARD L ET AL) 11 August 1987 (1987-08-11) the whole document ----	1-30
A	EP 0 730 394 A (IBM) 4 September 1996 (1996-09-04) the whole document ----	1-8
A	US 5 164 542 A (HART WILLIAM) 17 November 1992 (1992-11-17) the whole document -----	1-30

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- "&" document member of the same patent family

Date of the actual completion of the international search

16 August 2000

Date of mailing of the international search report

25/08/2000

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INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US 00/05374

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