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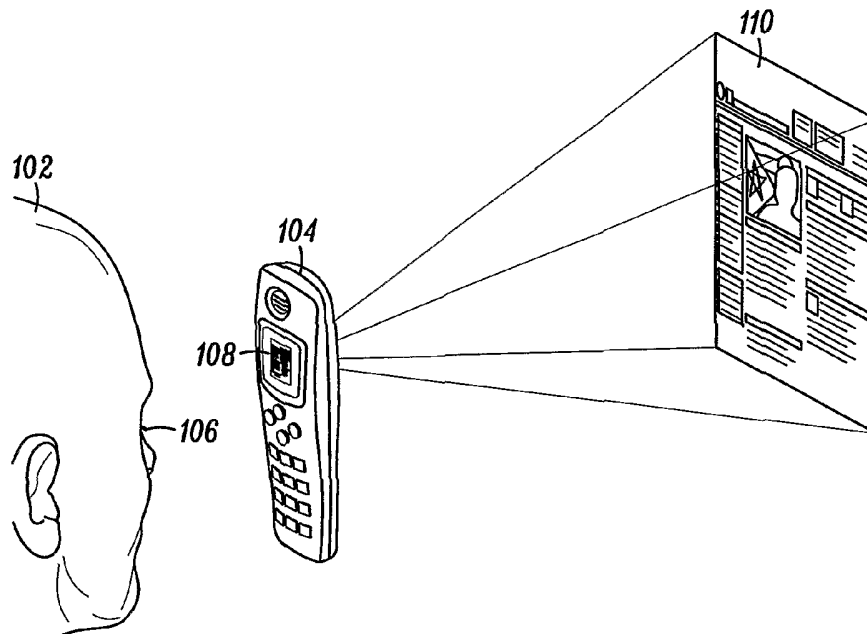
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[Continued on next page]

(54) Title: FOLDABLE ELECTRONIC DEVICE HAVING A FLEXIBLE HINGE MECHANISM



(57) Abstract: A foldable electronic device (100) includes a flexible hinge mechanism for enabling the opening and closing of the first housing element (102) and the second housing element (104). The flexible hinge mechanism includes a flexible hinge element (106), a drag link (108) and a flexible connection strip (506). The flexible hinge element connects the two housing elements and is elastic in nature. The drag link also connecting the two housing elements and limits an opening angle between the two housing elements to an angle less than 180 degrees. The flexible connection strip is routed along the length of the flexible hinge element and connects electrical circuits in the two housing elements for exchange of signals.

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— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
INV. G06F1/16

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)

G06F H04M

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)

EPO-Internal, WPI Data, IBM-TDB

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2003/118179 A1 (BARNETT RICKY WILLIAM ET AL) 26 June 2003 (2003-06-26) paragraphs [0018] - [0021]; figures 1-5 -----	1-10
X	WO 2004/095717 A (NOKIA CORPORATION; HOLTORF, JIM; MCKAY, MICHAEL; SULLIVAN, ANN; HENNEN) 4 November 2004 (2004-11-04) page 5, line 13 - page 6, line 21 page 11, line 12 - page 18, line 3; figures 3a--4,7 -----	1-10

Further documents are listed in the continuation of Box C.

See patent family annex.

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"&" document member of the same patent family

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 2003118179	A1	26-06-2003	NONE	
WO 2004095717	A	04-11-2004	BR EP	PI0409460 A 1620953 A2
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