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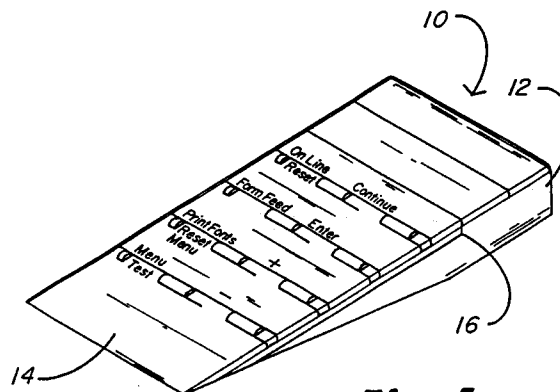
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05.08.92 Bulletin 92/32(71) Applicant: **Hewlett-Packard Company**
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c/o Ladas & Parry, Altheimer Eck 2
W-8000 München 2(DE)(54) **Control panel and keypad of one piece molded construction.**

(57) An operator controlled panel and keypad member for an electronic instrument which includes a plurality of cantilevered beam members (24) secured at only one end thereof to an integral control panel member (14,15) and each being operatively depressed down into electrical contact with control circuitry (22) located on the underside of the panel and forming part of an electronic instrument (12) being controlled by an operator. Thus, by aligning the control panel or keypad member with a given reference point or mark on an instrument housing, all of the cantilevered contacts (28) thereon are also automatically aligned with electrical circuitry (22) within the instrument housing (12). The control panel or keypad member may be of the replaceable snap-on or snap-fit type which is designed to have language-specific, code-specific or numbers-specific indicia (26) thereon dedicated to a single nation or single country language, customs and usage.

**Fig. 1**



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EUROPEAN SEARCH REPORT

Application Number

EP 91 10 7506

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
Y	EP-A-0 313 952 (PREH-WERKE) * column 3, line 9 - line 19 * * column 3, line 31 - line 35; figure 3 * ---	1-11	H01H13/70 H01R13/70
Y	FR-A-2 602 608 (CAMPO H.) * page 1, paragraph 3-4; claim 1; figure 1 * ---	1-5	
Y	FR-A-2 614 120 (CLARE ELECTRONIQUE) * page 2, line 6 - line 16 * ---	6-11	
A	FR-A-2 588 103 (BALEBOIS C.) * page 1, last paragraph * -----	1,4	
			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			H01H H01R
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 02 JUNE 1992	Examiner SIBILLA S.
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons A : member of the same patent family, corresponding document			