

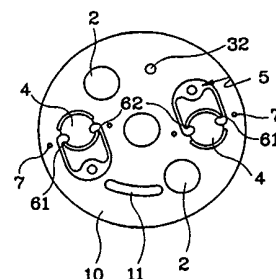
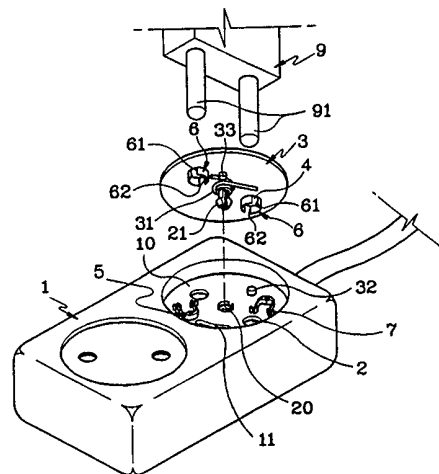


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(54) Title: SAFETY PLUG SOCKET**(57) Abstract**

A safety plug socket equipped with a rotatable safety cover (3) rotatable only by inserting a plug into the safety plug socket, is disclosed. The safety plug socket comprises a main body (1) and a rotatable safety cover (3). In addition, a second locking means normally engages with a first locking means to lock the safety cover and selectively disengages from the first locking means to allow the safety cover to be rotatable. The main body (1) has one or more circular depressions (10) spacedly formed on an upper surface of the main body, a fixing hole (20) formed on the center of each of the depressions, and two insert holes (2) formed on the bottom surface of each of the depressions at diametrically positions around the fixing hole (20). The rotatable safety cover (3) has a rotatable snap shaft (21) vertically formed on a center of a lower surface of the cover, two openings (4) formed on the cover at positions corresponding to the insert holes (2), and an opening skirt (6) formed along an edge of each of the openings and used as the first locking means. And, the second locking means is arranged on the bottom surface of each of the depressions at a position on the circumference of a circle passing through the centers of the two insert holes (2) on the same horizontal plane.



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INTERNATIONAL SEARCH REPORT

International application No.
PCT/KR 99/00417

A. CLASSIFICATION OF SUBJECT MATTER

IPC⁷: H01R 13/453

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)

IPC⁷: H01R

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 practicable, search terms used)

WPI

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5096432 A2 (Cullen) 17 March 1992 (17.03.92), abstract; fig.3, 11-14.	1
A	US 3121599 A (Modrey) 18 February 1964 (18.02.64) fig.4,6,8,10. ----	1

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

☒ See patent family annex.

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Date of the actual completion of the international search

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INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/KR 99/00417

Patent document cited in search report			Publication date	Patent family member(s)			Publication date
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