



(19)

Europäisches Patentamt

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(11)

EP 1 162 703 A3

(12)

EUROPEAN PATENT APPLICATION

(88) Date of publication A3:
05.02.2003 Bulletin 2003/06

(51) Int Cl. 7: H01R 24/06

(43) Date of publication A2:
12.12.2001 Bulletin 2001/50

(21) Application number: **01202150.7**

(22) Date of filing: 06.06.2001

(84) Designated Contracting States:
**AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU
MC NL PT SE TR**
Designated Extension States:

(30) Priority: 06.06.2000 JP 2000169259

(71) Applicant: **SMK CO., LTD.**
Tokyo 142 (JP)

(72) Inventor: **Nobuyuki, Mano**
Shinagawa-ku, Tokyo (JP)

(74) Representative: **Quintelier, Claude et al**
Gevers & Vander Haeghen,
Hollidaystraat 5
1831 Diegem (BE)

(54) Pivotal power supply plug device

(57) A compact rotary power supply plug corresponding to 200 V of the European and U. S. standards and formed with reduced number of parts into a simple structure can be provided. A plug supporting piece (10) is pivotably provided on one end of an insertion plug storing recess (3) provided at a surface of a housing (1). Insertion plugs (11,11) made of a metal conductive material are supported at the plug supporting piece (10) and projected therefrom. A contact (19) in electrical connection with each insertion plug (11) is provided at the bottom surface (10b) of the plug supporting piece (10). Each contact (19) is contacted to a connection terminal (20) in the housing (1) when the plug supporting piece (10) is upraised together with the insertion plugs (11, 11). The insertion plugs (11, 11) are pushed down together with the plug supporting piece (10) and stored into the recess (3). The housing (1) includes a housing main body (1a) and a housing lid body (1b) fitted with one another, half bodies (12b, 12b) of bearings (12, 12) provided on both sides of the recess (3) for rotatably supporting the shaft (10a, 10a) of the plug supporting piece (10), projection pieces (13, 13) for the bearings on both sides of the main body and the other half bodies (12a, 12a) of the bearings provided at the tip ends of the projection pieces (13, 13). The plug storing recess (3) is provided at an outer surface of the lid body (1b). The housing main body (1a) is fitted with the lid body (1b) for joining both half bodies of the bearings to form the bearings (12, 12).

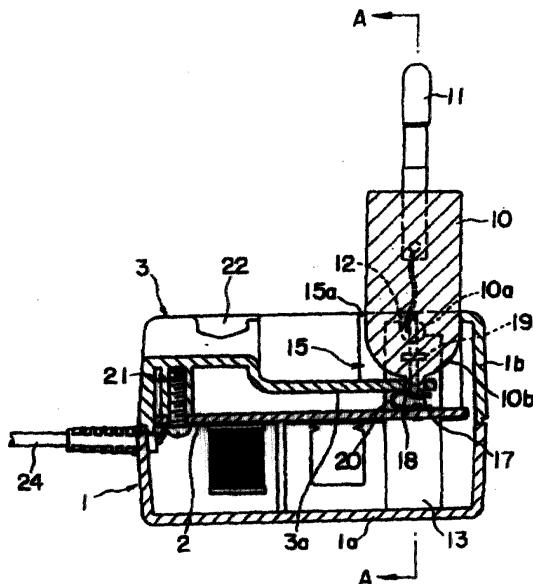


Fig. 1



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TECHNICAL FIELDS SEARCHED (Int.Cl.7)			
H01R			
The present search report has been drawn up for all claims			
Place of search	Date of completion of the search		Examiner
THE HAGUE	16 December 2002		Serrano Funcia, J
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone		T : theory or principle underlying the invention	
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O : non-written disclosure		L : document cited for other reasons	
P : intermediate document		& : member of the same patent family, corresponding document	

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

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