

(19)



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(11)

EP 1 162 702 A3

(12)

EUROPEAN PATENT APPLICATION

(88) Date of publication A3:
19.03.2003 Bulletin 2003/12

(51) Int Cl. 7: H01R 24/06, H01R 35/04,
H01R 13/66

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

(21) Application number: 01202149.9

(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:
AL LT LV MK RO SI

(30) Priority: 06.06.2000 JP 2000169266

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(54) Pivotal power supply plug device

(57) A pivotal power supply plug device having a compact and simple structure corresponding to 200 V of the European and U. S. standards and formed with a reduced number of parts can be provided. A plug supporting piece (10) is pivotably provided on one end side 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). A stopper projection (31) is provided at a bottom surface (10a) of the plug supporting piece (10) and is urged by a spring (36) in the projecting direction and allowed to advance/retract. A stopper operation knob (34) for operating the stopper projection (31) in the retracting direction is provided on a surface of the plug supporting piece (10). The housing (1) includes a stopper engagement portion (30) to which the stopper projection (31) engages when the insertion plugs (11) are upraised.

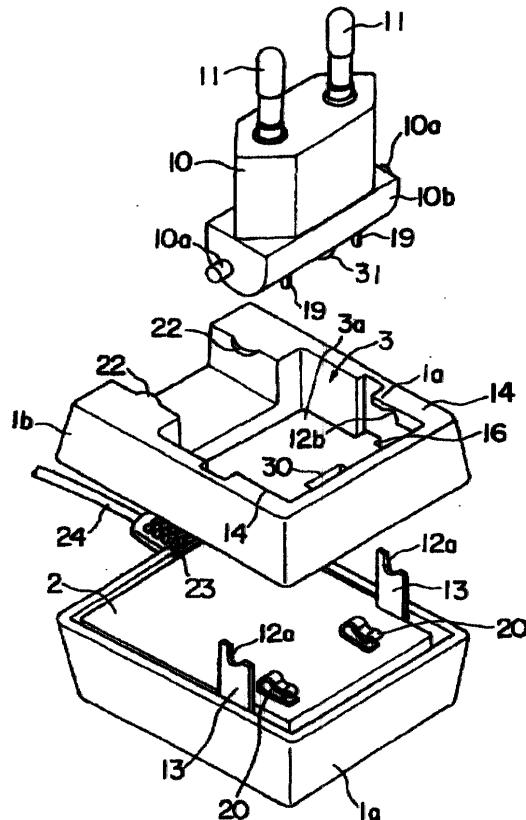


Fig. 2



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.7)
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			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			H01R
<p>The present search report has been drawn up for all claims</p>			
Place of search	Date of completion of the search		Examiner
THE HAGUE	21 January 2003		Salojärvi, K
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 & : member of the same patent family, corresponding document			

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

EP 01 20 2149

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.

21-01-2003

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