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Publications

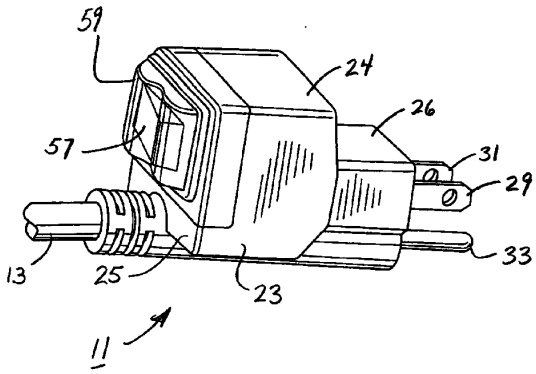
1. US6802741(B1) - Electric plug for a power cord

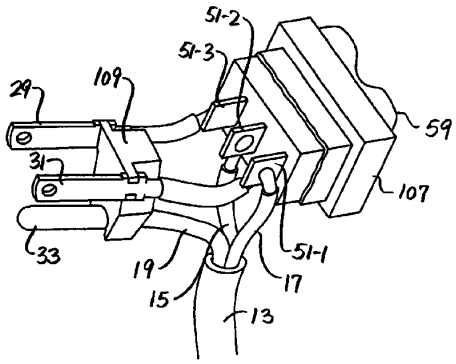
Publication Date: 12-Oct-2004
Inventors: SHATKIN LOUIS [US]
Applicants: TOWER MFG CORP [US]

Abstract:

An electric plug includes a plug housing which is formed onto one end of a power cord, the power cord includes a hot line, a neutral line and a ground line. The electric plug includes a lighted rocker switch which provides both circuit breaking and power switching capabilities, the rocker switch being electrically connected to the hot and neutral lines of the power cord. First, second and third conductive terminals project orthogonally out from the plug housing. The first and second conductive terminals are electrically connected to the rocker switch and the third conductive terminal is electrically connected to the ground line. In use, the lighted rocker switch regulates the flow of between the conductive terminals and the power cord in response to overcurrent conditions in the electric plug and manual switching of the power state of the lighted rocker switch.

External Links & Translations: Google patents, Espacenet

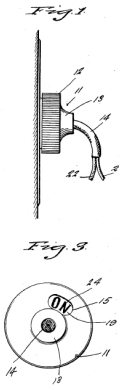




2. US1912252(A) - Switch equipped plug

Publication Date: 30-May-1933
Inventors: MIKE BROWN

External Links & Translations: Google patents, Espacenet

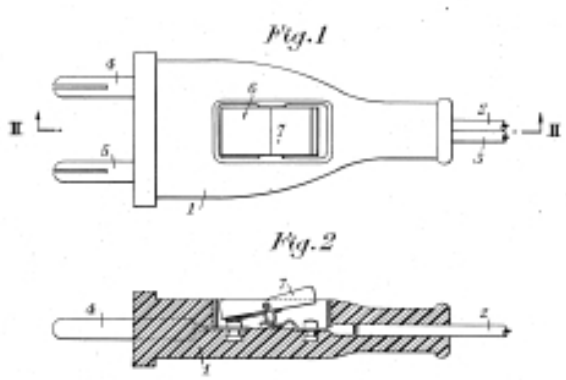


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3. FR2209228(A1) - null

Publication Date: 28-Jun-1974
Applicants: BOULORE ROGER [FR]

External Links & Translations: Google, Espacenet



4. FR2352417(A1) - Plug with inbuilt rocker arm switch - includes bistable rocker acting on moving flat spring contact fixed to housing at one end

Publication Date: 16-Dec-1977
Applicants: BERNHOLC CHARLES [FR]

Abstract:

The plug with inbuilt switch is for electrical appliances (e.g. lamps) and consists of a two part housing with the switch rocker arm projecting through the side face of one part. One of the plug pins is divided into two and the moving contact interposed between them. The moving contact consists of a flat spring fixed at one end to the housing and acted on at the other by the rocker arm. The rocker has recesses in which a retaining spring locates to hold it in either of two stable positions (on/off).

External Links & Translations: Google, Espacenet

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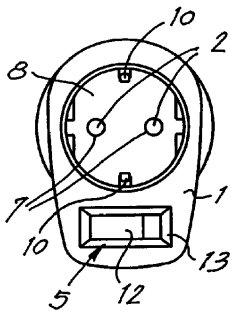
5. FR2753010(A3) - Electrical domestic simplex socket entrance with switch

Publication Date: 06-Mar-1998
Inventors: BORSTLAP FRANCIS
Applicants: ANBO NV [BE]

Abstract:

The outlet includes an electrically isolating casing (1) with a single set of contact sockets (2), in which the contact pins of a plug can be inserted through apertures (7) in a side of the casing. A contact pin (3) is provided for each contact socket, and electrically connected with the respective contact socket.The contact pins stand out at the other side of the casing, in the same way as the pins of a plug. A single switch (5), manually operated from outside the casing, is arranged in the electric connection of the contact sockets and the contact pins

External Links & Translations: Google, Espacenet



6. FR2100447(A5) - null

Publication Date: 17-Mar-1972
Applicants: CARBONEL ANDRE

Abstract:

External Links & Translations: Google, Espacenet

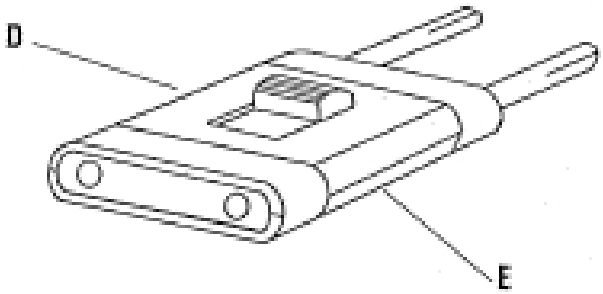


Fig 3

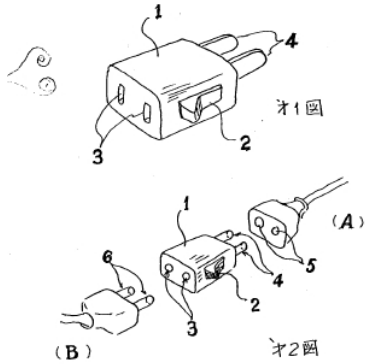
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7. JPS50118270(A) - null

Publication Date: 16-Sep-1975

Abstract:

External Links & Translations: Google, Espacenet



第1図 第2図

8. CN1080436(A) - POWER SUPPLY PLUG HAVING THE FUNCTION OF SWITCH

Publication Date: 05-Jan-1994
Inventors: JIANZHENG HU [CN], RIXIN DU [CN]
Applicants: HU JIANZHENG [CN]

Abstract:

The power supply plug with switch function is applicable for electrical appliances, especially those without mains switch. It consists of two parts constituting switch structure and all wires to the plug may be turned on or off. By using the said plug, electrical appliance can be detached from power line without being unplugged.

External Links & Translations: Google patents, Espacenet